



**VISIBLE/INFRARED SPECTROSCOPY DATA FROM
NEOPROTEROZOIC EPITHERMAL SYSTEMS OF
THE WESTERN AVALON ZONE (NTS MAP AREAS
2C/12, 13; 2D/1, 8, 9; 1L/13; 1M/3, 6, 7, 9, 10, 11, 15, 16),
NEWFOUNDLAND**

G.W. Sparkes, S. Ferguson and H.A.I. Sandeman

Open File NFLD/3266

**St. John's
Newfoundland and Labrador
October, 2015**

NOTE

Open File reports and maps issued by the Geological Survey Division of the Newfoundland and Labrador Department of Natural Resources are made available for public use. They have not been formally edited or peer reviewed, and are based upon preliminary data and evaluation.

The purchaser agrees not to provide a digital reproduction or copy of this product to a third party. Derivative products should acknowledge the source of the data.

DISCLAIMER

The Geological Survey, a division of the Department of Natural Resources (the “authors and publishers”), retains the sole right to the original data and information found in any product produced. The authors and publishers assume no legal liability or responsibility for any alterations, changes or misrepresentations made by third parties with respect to these products or the original data. Furthermore, the Geological Survey assumes no liability with respect to digital reproductions or copies of original products or for derivative products made by third parties. Please consult with the Geological Survey in order to ensure originality and correctness of data and/or products.

Recommended citation:

Sparkes, G.W., Ferguson, S. and Sandeman, H.A.I.

2015: Visible/Infrared Spectroscopy Data from neoproterozoic Epithermal Systems of the Western Avalon Zone (NTS map areas 2C/12, 13; 2D/1, 8, 9; 1L/13; 1M/3, 6, 7, 9, 10, 11, 15, 16), Newfoundland. Government of Newfoundland and Labrador, Department of Natural Resources, Geological Survey, Open File NFLD/3266, 90 pages.



**VISIBLE\INFRARED SPECTROSCOPY DATA FROM
NEOPROTEROZOIC EPITHERMAL SYSTEMS OF
THE WESTERN AVALON ZONE (NTS MAP AREAS
2C/12, 13; 2D/1, 8, 9; 1L/13; 1M/3, 6, 7, 9, 10, 11, 15, 16),
NEWFOUNDLAND**

G.W. Sparkes, S. Ferguson and H.A.I. Sandeman

Open File NFLD/3266



St. John's
Newfoundland and Labrador
October, 2015

CONTENTS

	Page
SUMMARY	iii
NOTES ON DATABASE	1
REFERENCES	1
APPENDICES	
Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples.	3
Appendix B – TSG™ Pro spectral interpretation results from drillcore samples.	25
Appendix C – Diamond-drill hole collar location data.	80
Appendix D – Spliced corrected ASD spectral data files for grab samples. (digital files only)	
<i>Appendix D is 7.6 MB in size and includes “asd.sco” format, spliced corrected spectral files that were collected and exported from TerraSpec® Pro spectrometer. These spectral files can be imported into viewing software such as SpecWin™, which is available for free from Spectral International Inc. These files are related the Open File NFLD/3266 by Sparkes et al., 2015 and include data collected from outcrop samples from the western Avalon Zone of Newfoundland.</i>	
Appendix E – Spliced corrected ASD spectral data files for drillcore samples. (digital files only)	
<i>Appendix E is 21.8 MB in size and includes “asd.sco” format, spliced corrected spectral files that were collected and exported from TerraSpec® Pro spectrometer. These spectral files can be imported into viewing software such as SpecWin™, which is available for free from Spectral International Inc. These files are related the Open File NFLD/3266 by Sparkes et al., 2015 and include data collected from drillcore from the western Avalon Zone of Newfoundland.</i>	

SUMMARY

This open file release consists of Visible/Infrared Spectroscopy (VIRS) data for rock samples collected along the western margin of the Avalon Zone of Newfoundland (NTS map areas 2C/12, 13; 2D/1, 8, 9; 1L/13; 1M/3, 6, 7, 9, 10, 11, 15, 16). A review of the VIRS technique and its applications can be found in Kerr *et al.* (2011) and references therein. The spectral data presented in this report was collected from both outcrop samples and diamond-drill core around areas hosting the development of Neoproterozoic epithermal alteration and related mineralization. Samples were collected as part of a mineral deposit study aimed at understanding the nature and timing of these uniquely preserved systems, which include both high- and low-sulphidation styles of epithermal mineralization. A summary of the various epithermal prospects and the related styles of alteration formed along the western margin of the Avalon Zone in Newfoundland can be found in Sparkes (2012), and Sparkes and Dunning (2014) and references therein.

NOTES ON DATABASE

This open file contains the Visible/Infrared Spectroscopy (VIRS) data, obtained using a TerraSpec Pro spectrometer, from areas of Neoproterozoic epithermal alteration developed along the western Avalon Zone in Newfoundland (Figure 1). Included in this release are location data, sample numbers and corresponding spectral I.D and mineral identification of the VIRS data as determined by TSG™ Pro software. Within this dataset, an estimate of the relative proportions of the two dominant mineral phases present within each sample are also provided (Weight 1 and Weight 2) along with a corresponding error related to the overall ‘fit’ of the sample spectra relative to those in the TSG™ Pro spectral database; for these error values, the lower the number the better the match with reference spectra within the database. Some samples from this dataset have corresponding geochemical data that is included in a related Open File release (see Sparkes and Sandeman, 2015).

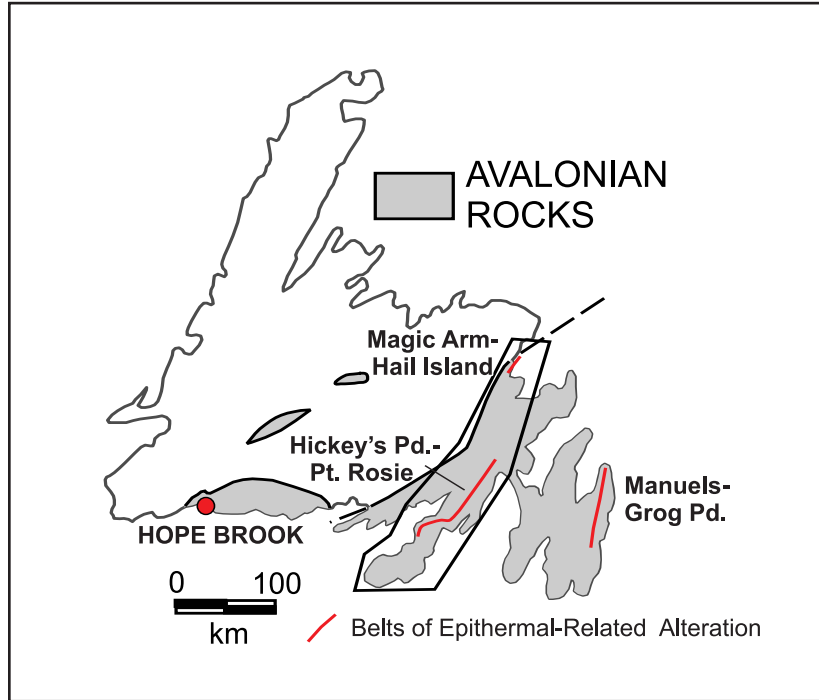


Figure 1. Index map of study area.

Samples collected from outcrop are included in Appendix A, and those collected from diamond-drill core are included in Appendix B. Appendix C includes corresponding drill-hole collar information for holes examined as part of this project. Appendix D contains the spliced corrected ASD files for the outcrop samples and Appendix E contains the spliced corrected ASD files for the drillcore samples.

Note that the location data for all samples are provided in Universal Transverse Mercator (UTM), Zone 21 coordinate system based on the datum NAD27.

REFERENCES

- Kerr, A., Rafuse, H., Sparkes, G., Hinchey, J. and Sandeman, H. A.
2011: Visible/infrared spectroscopy [VIRS] as a research tool in economic geology: background and pilot studies from Newfoundland and Labrador. *In* Current Research. Newfoundland and Labrador Department of Natural Resources, Geological Survey, Report 11-1, pages 145-166.

Sparkes, G.W.

2012: New developments concerning epithermal alteration and related mineralization along the western margin of the Avalon Zone, Newfoundland. *In* Current Research, Newfoundland and Labrador Department of Natural Resources, Geological Survey, Report 12-1, pages 103-120.

Sparkes, G.W. and Dunning, G.R.

2014: Late Neoproterozoic epithermal alteration and mineralization in the western Avalon Zone: A summary of mineralogical investigations and new U/Pb geochronological results. *In* Current Research, Newfoundland and Labrador Department of Natural Resources, Geological Survey, Report 14-1, pages 99-128.

Sparkes, G.W. and Sandeman, H.A.I

2015: Geochemical data from the western Avalon zone (NTS map areas 2D/1, 2, 7, 9, 10, 15, 16; 1L/13, 14; 1M/3, 4, 6, 7, 10, 11, 15, 16), Newfoundland. Newfoundland and Labrador Department of Natural Resources, Geological Survey, Open File NFLD/3265.

APPENDICES

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

Appendix B – TSG™ Pro spectral interpretation results from drillcore samples

Appendix C – Diamond-drill hole collar location data

Appendix D – Spliced corrected ASD spectral data files for grab samples

Appendix E – Spliced corrected ASD spectral data files for drillcore samples

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
1	650056	5253649	21	NAD27	Stewart	GS-10-98	GS-10-9800001.asd.sco	Chlorite-Fe	0.759	Muscovite	0.241	385.28
2	650056	5253649	21	NAD27	Stewart	GS-10-98	GS-10-9800002.asd.sco	Muscovite	1	NULL	NULL	166.81
5	649682	5253004	21	NAD27	Stewart	GS-10-100	GS-10-1000001.asd.sco	Pyrophyllite	0.739	Dickite	0.261	78.49
6	649682	5253004	21	NAD27	Stewart	GS-10-100	GS-10-1000002.asd.sco	Pyrophyllite	0.544	Dickite	0.456	145.82
7	649682	5253004	21	NAD27	Stewart	GS-10-100	GS-10-1000003.asd.sco	Pyrophyllite	0.581	Dickite	0.419	85.456
8	649682	5253004	21	NAD27	Stewart	GS-10-100B	GS-10-100B00001.asd.sco	Pyrophyllite	0.594	Dickite	0.406	95.612
10	649682	5253004	21	NAD27	Stewart	GS-10-101B	GS-10-101B00001.asd.sco	Muscovite	0.641	Pyrophyllite	0.359	244.46
11	649682	5253004	21	NAD27	Stewart	GS-10-101B	GS-10-101B00002.asd.sco	Muscovite	0.677	Pyrophyllite	0.323	102.93
12	651661	5254448	21	NAD27	Stewart	GS-10-102	GS-10-10200001.asd.sco	Alunite-K	1	NULL	NULL	79.461
13	651661	5254448	21	NAD27	Stewart	GS-10-102	GS-10-10200002.asd.sco	Alunite-K	1	NULL	NULL	67.169
14	651786	5254445	21	NAD27	Stewart	GS-10-103	GS-10-10300001.asd.sco	Alunite-K	0.76	Pyrophyllite	0.24	100.72
15	651786	5254445	21	NAD27	Stewart	GS-10-103	GS-10-10300002.asd.sco	Alunite-K	0.844	Kaolinite-PX	0.156	76.833
16	688152	5288457	21	NAD27	Monkstown Road	GS-11-01	GS-11-0100001.asd.sco	Epidote	0.513	Phengite	0.487	222.32
17	688612	5287616	21	NAD27	Monkstown Road	GS-11-02	GS-11-0200001.asd.sco	Muscovite	1	NULL	NULL	174.94
18	688869	5287480	21	NAD27	Monkstown Road	GS-11-03	GS-11-0300001.asd.sco	Chlorite-FeMg	0.762	Epidote	0.238	76.883
19	688801	5287550	21	NAD27	Monkstown Road	GS-11-04	GS-11-0400001.asd.sco	Pyrophyllite	0.529	Paragonite	0.471	68.247
20	688787	5287534	21	NAD27	Monkstown Road	GS-11-05	GS-11-0500001.asd.sco	Chlorite-Fe	0.729	Muscovite	0.271	278.44
21	688957	5287528	21	NAD27	Monkstown Road	GS-11-06	GS-11-0600001.asd.sco	Phengite	0.523	Epidote	0.477	111.11
22	688945	5287590	21	NAD27	Monkstown Road	GS-11-07	GS-11-0700001.asd.sco	Chlorite-FeMg	0.667	Epidote	0.333	59.262
23	688871	5287632	21	NAD27	Monkstown Road	GS-11-08	GS-11-0800001.asd.sco	Chlorite-FeMg	0.843	Epidote	0.157	59.632
24	688871	5287632	21	NAD27	Monkstown Road	GS-11-09A	GS-11-09A00001.asd.sco	Chlorite-FeMg	0.818	Epidote	0.182	58.351
25	688871	5287632	21	NAD27	Monkstown Road	GS-11-09B	GS-11-09B00001.asd.sco	Chlorite-FeMg	0.815	Epidote	0.185	71.107
26	688906	5287746	21	NAD27	Monkstown Road	GS-11-10	GS-11-1000001.asd.sco	Alunite-Na	0.833	Muscovite	0.167	33.091
27	688901	5287762	21	NAD27	Monkstown Road	GS-11-11	GS-11-1100001.asd.sco	Alunite-Na	1	NULL	NULL	98.742
28	688977	5287736	21	NAD27	Monkstown Road	GS-11-12	GS-11-1200001.asd.sco	Chlorite-FeMg	0.804	Phengite	0.196	113.81
29	689045	5287704	21	NAD27	Monkstown Road	GS-11-13	GS-11-1300001.asd.sco	Chlorite-FeMg	0.747	Epidote	0.253	63.039
30	689053	5287666	21	NAD27	Monkstown Road	GS-11-14	GS-11-1400001.asd.sco	Chlorite-FeMg	0.77	Epidote	0.23	69.114
31	689222	5287550	21	NAD27	Monkstown Road	GS-11-15	GS-11-1500001.asd.sco	Phengite	0.607	Epidote	0.393	36.767
32	689012	5287442	21	NAD27	Monkstown Road	GS-11-16	GS-11-1600001.asd.sco	Chlorite-FeMg	0.611	Phengite	0.389	146.6
33	650229	5253501	21	NAD27	Stewart	GS-11-17	GS-11-1700001.asd.sco	Chlorite-FeMg	0.678	Paragonite	0.322	55.424
34	650234	5253517	21	NAD27	Stewart	GS-11-18	GS-11-1800001.asd.sco	Pyrophyllite	0.614	Paragonite	0.386	47.125
35	650234	5253517	21	NAD27	Stewart	GS-11-19	GS-11-1900001.asd.sco	Paragonite	0.565	Pyrophyllite	0.435	143.38
36	650234	5253525	21	NAD27	Stewart	GS-11-20	GS-11-2000001.asd.sco	Pyrophyllite	0.724	Paragonite	0.276	189.48
38	650231	5253537	21	NAD27	Stewart	GS-11-22	GS-11-2200001.asd.sco	Paragonite	0.518	Pyrophyllite	0.482	256.24
39	650220	5253549	21	NAD27	Stewart	GS-11-23	GS-11-2300001.asd.sco	Chlorite-FeMg	0.569	Paragonite	0.431	99.892
40	650212	5253553	21	NAD27	Stewart	GS-11-24	GS-11-2400001.asd.sco	Pyrophyllite	0.574	Paragonite	0.426	162.98
41	650205	5253559	21	NAD27	Stewart	GS-11-25	GS-11-2500001.asd.sco	Chlorite-Fe	0.533	Paragonite	0.467	288.27
42	650189	5253568	21	NAD27	Stewart	GS-11-26	GS-11-2600001.asd.sco	Pyrophyllite	1	NULL	NULL	159.07
44	650175	5253578	21	NAD27	Stewart	GS-11-28	GS-11-2800001.asd.sco	Pyrophyllite	0.75	Dickite	0.25	162.07
45	650164	5253584	21	NAD27	Stewart	GS-11-29	GS-11-2900001.asd.sco	Pyrophyllite	0.754	Paragonite	0.246	89.02
46	650159	5253584	21	NAD27	Stewart	GS-11-30	GS-11-3000001.asd.sco	Pyrophyllite	0.618	Kaolinite-WX	0.382	69.381
48	650153	5253594	21	NAD27	Stewart	GS-11-32	GS-11-3200001.asd.sco	Chlorite-Fe	0.708	Paragonite	0.292	301.35
49	650144	5253611	21	NAD27	Stewart	GS-11-33	GS-11-3300001.asd.sco	Chlorite-FeMg	0.817	Muscovite	0.183	318.59

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
50	650148	5253612	21	NAD27	Stewart	GS-11-34	GS-11-3400001.asd.sco	Muscovite	0.608	Pyrophyllite	0.392	182.33
51	650132	5253625	21	NAD27	Stewart	GS-11-35	GS-11-3500001.asd.sco	Pyrophyllite	1	NULL	NULL	84.945
52	650112	5253638	21	NAD27	Stewart	GS-11-36	GS-11-3600001.asd.sco	Muscovite	0.559	Pyrophyllite	0.441	135.09
53	650073	5253640	21	NAD27	Stewart	GS-11-37	GS-11-3700001.asd.sco	Paragonite	0.594	Pyrophyllite	0.406	157.3
54	650073	5253640	21	NAD27	Stewart	GS-11-38	GS-11-3800001.asd.sco	Muscovite	0.605	Chlorite-Fe	0.395	271.59
55	650059	5253686	21	NAD27	Stewart	GS-11-39	GS-11-3900001.asd.sco	Paragonite	1	NULL	NULL	222.58
57	650021	5253722	21	NAD27	Stewart	GS-11-41	GS-11-4100001.asd.sco	Pyrophyllite	0.657	Muscovite	0.343	63.79
58	649932	5253774	21	NAD27	Stewart	GS-11-42	GS-11-4200001.asd.sco	Paragonite	0.744	Pyrophyllite	0.256	155.81
59	649923	5253788	21	NAD27	Stewart	GS-11-43	GS-11-4300001.asd.sco	Paragonite	0.839	Pyrophyllite	0.161	189.6
60	649917	5253798	21	NAD27	Stewart	GS-11-44	GS-11-4400001.asd.sco	Paragonite	0.753	Montmorillonite	0.247	108.44
61	649901	5253817	21	NAD27	Stewart	GS-11-45	GS-11-4500001.asd.sco	Paragonite	0.847	Pyrophyllite	0.153	162.21
62	649789	5253902	21	NAD27	Stewart	GS-11-46	GS-11-4600001.asd.sco	Paragonite	0.575	Chlorite-Fe	0.425	205.85
63	649728	5253944	21	NAD27	Stewart	GS-11-47	GS-11-4700001.asd.sco	Paragonite	1	NULL	NULL	172.84
64	649674	5253988	21	NAD27	Stewart	GS-11-48	GS-11-4800001.asd.sco	Paragonite	0.666	Montmorillonite	0.334	141.51
65	649665	5253994	21	NAD27	Stewart	GS-11-49	GS-11-4900001.asd.sco	Pyrophyllite	0.716	Paragonite	0.284	71.508
66	649665	5253994	21	NAD27	Stewart	GS-11-50	GS-11-5000001.asd.sco	Paragonite	1	NULL	NULL	174.33
67	649646	5254009	21	NAD27	Stewart	GS-11-51	GS-11-5100001.asd.sco	Pyrophyllite	1	NULL	NULL	78.112
68	649633	5254018	21	NAD27	Stewart	GS-11-52	GS-11-5200001.asd.sco	Chlorite-FeMg	0.578	PhengiticIllite	0.422	197.48
69	649571	5253923	21	NAD27	Stewart	GS-11-53	GS-11-5300001.asd.sco	Phengite	0.809	Ankerite	0.191	138.83
70	649571	5253923	21	NAD27	Stewart	GS-11-54	GS-11-5400001.asd.sco	Pyrophyllite	1	NULL	NULL	77.172
71	649566	5253772	21	NAD27	Stewart	GS-11-55	GS-11-5500001.asd.sco	Pyrophyllite	0.522	Paragonite	0.478	96.472
72	649577	5253723	21	NAD27	Stewart	GS-11-56	GS-11-5600001.asd.sco	Muscovite	0.554	Zoisite	0.446	386.25
73	649692	5252984	21	NAD27	Stewart	GS-11-57	GS-11-5700001.asd.sco	Pyrophyllite	1	NULL	NULL	52.824
74	649692	5252989	21	NAD27	Stewart	GS-11-58	GS-11-5800001.asd.sco	Pyrophyllite	0.656	Muscovite	0.344	67.212
75	649677	5252996	21	NAD27	Stewart	GS-11-59	GS-11-5900001.asd.sco	Muscovite	0.733	Pyrophyllite	0.267	124.38
76	649689	5252998	21	NAD27	Stewart	GS-11-60	GS-11-6000001.asd.sco	Diaspore	1	NULL	NULL	168.01
77	649687	5253014	21	NAD27	Stewart	GS-11-61	GS-11-6100001.asd.sco	Diaspore	0.793	Muscovite	0.207	68.684
78	649687	5253014	21	NAD27	Stewart	GS-11-62	GS-11-6200001.asd.sco	Muscovite	0.804	Pyrophyllite	0.196	95.819
79	649664	5253002	21	NAD27	Stewart	GS-11-63	GS-11-6300001.asd.sco	Muscovite	0.665	Pyrophyllite	0.335	53.835
80	649673	5253029	21	NAD27	Stewart	GS-11-64	GS-11-6400001.asd.sco	Chlorite-Fe	1	NULL	NULL	534.78
81	649980	5253368	21	NAD27	Stewart	GS-11-65	GS-11-6500001.asd.sco	Pyrophyllite	0.782	Dickite	0.218	108.86
82	649927	5253415	21	NAD27	Stewart	GS-11-66	GS-11-6600001.asd.sco	Dickite	0.564	Paragonite	0.436	78.784
83	649928	5253482	21	NAD27	Stewart	GS-11-67	GS-11-6700001.asd.sco	Pyrophyllite	0.719	Muscovite	0.281	107.44
84	649797	5253369	21	NAD27	Stewart	GS-11-68	GS-11-6800001.asd.sco	Pyrophyllite	1	NULL	NULL	205.86
85	649729	5253421	21	NAD27	Stewart	GS-11-69	GS-11-6900001.asd.sco	Paragonite	0.635	Chlorite-Mg	0.365	242.12
86	649624	5253470	21	NAD27	Stewart	GS-11-70	GS-11-7000001.asd.sco	Muscovite	0.721	Pyrophyllite	0.279	184.85
87	649555	5253402	21	NAD27	Stewart	GS-11-71	GS-11-7100001.asd.sco	Muscovite	0.662	Pyrophyllite	0.338	96.183
88	649500	5253442	21	NAD27	Stewart	GS-11-72	GS-11-7200001.asd.sco	Pyrophyllite	0.753	Muscovite	0.247	58.193
89	649706	5253583	21	NAD27	Stewart	GS-11-73	GS-11-7300001.asd.sco	Paragonite	1	NULL	NULL	262.98
90	649566	5252581	21	NAD27	Stewart	GS-11-74	GS-11-7400001.asd.sco	Phengite	0.609	Chlorite-FeMg	0.391	146.72
91	649455	5252679	21	NAD27	Stewart	GS-11-75	GS-11-7500001.asd.sco	Pyrophyllite	0.736	Muscovite	0.264	50.042
92	649474	5252771	21	NAD27	Stewart	GS-11-76	GS-11-7600001.asd.sco	Pyrophyllite	0.673	Muscovite	0.327	64.652
93	649474	5252771	21	NAD27	Stewart	GS-11-77	GS-11-7700001.asd.sco	Pyrophyllite	0.51	Kaolinite-WX	0.49	95.763
94	649476	5252787	21	NAD27	Stewart	GS-11-78	GS-11-7800001.asd.sco	Diaspore	0.843	Paragonite	0.157	29.895

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
95	649476	5252787	21	NAD27	Stewart	GS-11-79	GS-11-7900001.asd.sco	Pyrophyllite	0.785	Muscovite	0.215	32.637
96	688923	5287375	21	NAD27	Stewart	GS-11-80	GS-11-8000001.asd.sco	Muscovite	1	NULL	NULL	214.34
97	688923	5287375	21	NAD27	Monkstown Road	GS-11-81	GS-11-8100001.asd.sco	Epidote	1	NULL	NULL	99.954
98	689264	5287790	21	NAD27	Monkstown Road	GS-11-82	GS-11-8200001.asd.sco	Chlorite-FeMg	0.51	Epidote	0.49	64.396
99	689563	5288348	21	NAD27	Ridge	GS-11-83	GS-11-8300001.asd.sco	Chlorite-FeMg	0.716	Epidote	0.284	115.64
100	689563	5288348	21	NAD27	Ridge	GS-11-84	GS-11-8400001.asd.sco	Muscovite	1	NULL	NULL	158.94
101	689585	5288488	21	NAD27	Ridge	GS-11-85	GS-11-8500001.asd.sco	Pyrophyllite	1	NULL	NULL	47.973
102	689577	5288500	21	NAD27	Ridge	GS-11-86	GS-11-8600001.asd.sco	Alunite-Na	1	NULL	NULL	346.58
103	689564	5288520	21	NAD27	Ridge	GS-11-87	GS-11-8700001.asd.sco	Muscovite	1	NULL	NULL	187.6
104	649619	5253079	21	NAD27	Stewart	GS-11-88	GS-11-8800001.asd.sco	Pyrophyllite	0.783	Muscovite	0.217	70.417
105	649528	5253126	21	NAD27	Stewart	GS-11-89	GS-11-8900001.asd.sco	Muscovite	0.769	Pyrophyllite	0.231	93.828
106	649528	5253126	21	NAD27	Stewart	GS-11-90	GS-11-9000001.asd.sco	Muscovite	1	NULL	NULL	574.08
107	649350	5253200	21	NAD27	Stewart	GS-11-91	GS-11-9100001.asd.sco	Pyrophyllite	0.522	Muscovite	0.478	96.228
108	649365	5253466	21	NAD27	Stewart	GS-11-92	GS-11-9200001.asd.sco	Muscovite	0.703	Zoisite	0.297	458.08
109	649270	5253527	21	NAD27	Stewart	GS-11-93	GS-11-9300001.asd.sco	Muscovite	1	NULL	NULL	104.84
110	649270	5253527	21	NAD27	Stewart	GS-11-94	GS-11-9400001.asd.sco	Phengite	0.607	Epidote	0.393	60.31
111	649817	5252873	21	NAD27	Stewart	GS-11-95	GS-11-9500001.asd.sco	Epidote	0.581	Actinolite	0.419	185.62
112	650232	5252438	21	NAD27	Stewart	GS-11-96	GS-11-9600001.asd.sco	Phengite	0.613	Epidote	0.387	93.951
113	650217	5252286	21	NAD27	Stewart	GS-11-97	GS-11-9700001.asd.sco	Muscovite	0.533	Epidote	0.467	26.899
114	650457	5251971	21	NAD27	Stewart	GS-11-98	GS-11-98a00001.asd.sco	Epidote	1	NULL	NULL	90.685
115	650457	5251971	21	NAD27	Stewart	GS-11-98	GS-11-98b00001.asd.sco	Chlorite-FeMg	0.572	Epidote	0.428	73.947
116	650658	5254028	21	NAD27	Stewart	GS-11-99	GS-11-9900001.asd.sco	Phengite	0.73	Epidote	0.27	54.415
117	650590	5253964	21	NAD27	Stewart	GS-11-100	GS-11-10000001.asd.sco	Phengite	1	NULL	NULL	160.07
118	650635	5254118	21	NAD27	Stewart	GS-11-101	GS-11-10100001.asd.sco	Chlorite-FeMg	0.714	Epidote	0.286	117.81
119	650667	5254241	21	NAD27	Stewart	GS-11-102	GS-11-10200001.asd.sco	Dickite	0.626	Alunite-Na	0.374	152.82
120	650681	5254328	21	NAD27	Stewart	GS-11-103	GS-11-10300001.asd.sco	Pyrophyllite	0.682	Alunite-Na	0.318	90.061
121	650693	5254413	21	NAD27	Stewart	GS-11-104	GS-11-10400001.asd.sco	Muscovite	0.601	Chlorite-Fe	0.399	110.36
122	650557	5254442	21	NAD27	Stewart	GS-11-105	GS-11-10500001.asd.sco	Pyrophyllite	0.528	Alunite-Na	0.472	191.2
123	650170	5254516	21	NAD27	Stewart	GS-11-106	GS-11-10600001.asd.sco	Phengite	0.623	Epidote	0.377	103.12
124	650867	5254403	21	NAD27	Stewart	GS-11-107	GS-11-10700001.asd.sco	Phengite	0.77	Epidote	0.23	219.66
125	650867	5254403	21	NAD27	Stewart	GS-11-108	GS-11-10800001.asd.sco	Chlorite-FeMg	0.696	Epidote	0.304	129.09
126	650861	5254499	21	NAD27	Stewart	GS-11-109	GS-11-10900001.asd.sco	Pyrophyllite	0.589	Paragonite	0.411	66.551
127	689191	5287865	21	NAD27	Monkstown Road	GS-11-110	GS-11-11000001.asd.sco	Chlorite-FeMg	0.813	Epidote	0.187	53.097
128	689153	5288019	21	NAD27	Monkstown Road	GS-11-111	GS-11-11100001.asd.sco	Muscovite	0.841	Ankerite	0.159	65.815
129	689135	5288184	21	NAD27	Monkstown Road	GS-11-112	GS-11-11200001.asd.sco	Muscoviticillite	0.72	Montmorillonite	0.28	168.93
130	689135	5288184	21	NAD27	Monkstown Road	GS-11-113	GS-11-11300001.asd.sco	Muscovite	0.839	Epidote	0.161	68.649
131	689203	5288327	21	NAD27	Monkstown Road	GS-11-114	GS-11-11400001.asd.sco	Epidote	0.55	Chlorite-FeMg	0.45	69.268
132	689203	5288327	21	NAD27	Monkstown Road	GS-11-115	GS-11-11500001.asd.sco	Phengite	0.703	Epidote	0.297	65.759
133	689414	5288587	21	NAD27	Ridge	GS-11-116	GS-11-11600001.asd.sco	Phengite	0.821	Epidote	0.179	152.6
134	689522	5288673	21	NAD27	Ridge	GS-11-117	GS-11-11700001.asd.sco	Muscovite	1	NULL	NULL	118.49
135	689677	5288575	21	NAD27	Ridge	GS-11-118	GS-11-11800001.asd.sco	Muscovite	1	NULL	NULL	86.294
136	689677	5288575	21	NAD27	Ridge	GS-11-119	GS-11-11900001.asd.sco	Chlorite-FeMg	0.633	Muscovite	0.367	123.49
137	689821	5288286	21	NAD27	Ridge	GS-11-120	GS-11-12000001.asd.sco	Phengite	1	NULL	NULL	146.36
138	689715	5287944	21	NAD27	Monkstown Road	GS-11-121	GS-11-12100001.asd.sco	Phengite	0.523	Epidote	0.477	144.54

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
139	688515	5287426	21	NAD27	Monkstown Road South	GS-11-122	GS-11-12200001.asd.sco	Chlorite-FeMg	0.52	Muscovite	0.48	166.69
140	688515	5287426	21	NAD27	Monkstown Road South	GS-11-123	GS-11-12300001.asd.sco	Chlorite-FeMg	0.737	Muscovite	0.263	169.96
141	688544	5287325	21	NAD27	Monkstown Road South	GS-11-124A	GS-11-124A00001.asd.sco	Pyrophyllite	0.658	Paragonite	0.342	84
142	688544	5287325	21	NAD27	Monkstown Road South	GS-11-124B	GS-11-124B00001.asd.sco	Pyrophyllite	0.643	Muscovite	0.357	76.056
143	688309	5286941	21	NAD27	Little Pond	GS-11-125	GS-11-12500001.asd.sco	Chlorite-FeMg	0.657	Muscovite	0.343	33.963
144	688283	5286937	21	NAD27	Little Pond	GS-11-126	GS-11-12600001.asd.sco	Alunite-Na	1	NULL	NULL	563.09
145	688134	5286601	21	NAD27	Paradise River	GS-11-127	GS-11-12700001.asd.sco	Alunite-K	1	NULL	NULL	224.2
146	688559	5286787	21	NAD27	Little Pond	GS-11-128	GS-11-12800001.asd.sco	Phengite	0.746	Ankerite	0.254	80.666
147	690743	5286435	21	NAD27	Monkstown Road	GS-11-129	GS-11-13000001.asd.sco	Muscovite	1	NULL	NULL	279.51
148	690743	5286435	21	NAD27	Monkstown Road	GS-11-130	GS-11-13100001.asd.sco	Muscovite	1	NULL	NULL	264.17
149	690743	5286435	21	NAD27	Monkstown Road	GS-11-131	GS-11-13200001.asd.sco	Chlorite-FeMg	0.704	Phengite	0.296	163.54
150	692357	5286163	21	NAD27	Tower	GS-11-134	GS-11-13400001.asd.sco	Alunite-Na	1	NULL	NULL	70.622
151	692350	5286173	21	NAD27	Tower	GS-11-135	GS-11-13500001.asd.sco	Alunite-Na	1	NULL	NULL	206.03
152	692347	5286177	21	NAD27	Tower	GS-11-136	GS-11-13600001.asd.sco	Alunite-Na	1	NULL	NULL	221.12
153	692349	5286182	21	NAD27	Tower	GS-11-137	GS-11-13700001.asd.sco	Alunite-Na	1	NULL	NULL	39.619
154	692347	5286177	21	NAD27	Tower	GS-11-138	GS-11-13800001.asd.sco	Alunite-Na	0.599	Pyrophyllite	0.401	108.27
155	692347	5286177	21	NAD27	Tower	GS-11-138	GS-11-13800002.asd.sco	Alunite-Na	1	NULL	NULL	71.607
156	692365	5286192	21	NAD27	Tower	GS-11-139	GS-11-13900001.asd.sco	Alunite-Na	0.745	Muscovite	0.255	33.705
157	692365	5286192	21	NAD27	Tower	GS-11-140	GS-11-14000001.asd.sco	Alunite-Na	1	NULL	NULL	244.55
158	692423	5286147	21	NAD27	Tower	GS-11-144	GS-11-14400001.asd.sco	Alunite-Na	0.783	Dickite	0.217	171.2
160	692420	5286161	21	NAD27	Tower	GS-11-146	GS-11-14600001.asd.sco	Alunite-Na	0.712	Pyrophyllite	0.288	93.608
161	692411	5286162	21	NAD27	Tower	GS-11-147	GS-11-14700001.asd.sco	Muscovite	1	NULL	NULL	31.383
162	692605	5286276	21	NAD27	Tower	GS-11-148	GS-11-14800001.asd.sco	Topaz	1	NULL	NULL	475.63
163	692664	5286246	21	NAD27	Tower	GS-11-149	GS-11-14900001.asd.sco	Phengite	1	NULL	NULL	241.36
164	692641	5286379	21	NAD27	Tower	GS-11-150	GS-11-15000001.asd.sco	Alunite-Na	0.803	Muscovite	0.197	145.93
165	692681	5286362	21	NAD27	Tower	GS-11-151	GS-11-15100001.asd.sco	Pyrophyllite	1	NULL	NULL	48.005
166	692604	5286434	21	NAD27	Tower	GS-11-152	GS-11-15200001.asd.sco	Siderite	0.519	Muscovite	0.481	32.153
167	692535	5286476	21	NAD27	Tower	GS-11-153	GS-11-15300001.asd.sco	Paragonite	1	NULL	NULL	280.94
168	692433	5286427	21	NAD27	Tower	GS-11-154	GS-11-15400001.asd.sco	Epidote	0.521	Phengite	0.479	120.09
169	692406	5286590	21	NAD27	Tower	GS-11-155	GS-11-15500001.asd.sco	Chlorite-FeMg	0.561	Phengite	0.439	241.98
170	692519	5286911	21	NAD27	Tower	GS-11-156	GS-11-15600001.asd.sco	Muscovite	1	NULL	NULL	54.144
171	693353	5287615	21	NAD27	Tower	GS-11-157	GS-11-15700001.asd.sco	Phengite	1	NULL	NULL	53.863
172	693452	5287554	21	NAD27	Tower	GS-11-158	GS-11-15800001.asd.sco	Muscovite	1	NULL	NULL	127.99
173	693519	5287378	21	NAD27	Tower	GS-11-159	GS-11-15900001.asd.sco	Phengite	0.622	Epidote	0.378	186.5
174	693404	5287108	21	NAD27	Tower	GS-11-160	GS-11-16000001.asd.sco	Phengite	1	NULL	NULL	274.99
175	667844	5262417	21	NAD27	Western Feeder Pond	GS-11-163	GS-11-16300001.asd.sco	Chlorite-FeMg	0.796	Epidote	0.204	56.278
176	668673	5261487	21	NAD27	Western Feeder Pond	GS-11-165	GS-11-16500001.asd.sco	Phengite	1	NULL	NULL	140.94
177	651097	5254550	21	NAD27	Stewart	GS-11-171	GS-11-17100001.asd.sco	Phengite	0.676	Epidote	0.324	113.39
178	651243	5254514	21	NAD27	Stewart	GS-11-174	GS-11-17400001.asd.sco	Chlorite-FeMg	0.692	Phengite	0.308	148.08
179	651243	5254514	21	NAD27	Stewart	GS-11-175	GS-11-17500001.asd.sco	Phengite	1	NULL	NULL	290.86
180	651302	5254580	21	NAD27	Stewart	GS-11-176	GS-11-17600001.asd.sco	Dickite	0.743	Pyrophyllite	0.257	120.01
181	651371	5254737	21	NAD27	Stewart	GS-11-177	GS-11-17700001.asd.sco	Phengite	1	NULL	NULL	142.56
182	651371	5254737	21	NAD27	Stewart	GS-11-178	GS-11-17800001.asd.sco	Phengite	0.818	Epidote	0.182	114.7
183	651508	5254506	21	NAD27	Stewart	GS-11-179	GS-11-17900001.asd.sco	Pyrophyllite	0.551	Paragonite	0.449	117.85

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
184	651597	5254552	21	NAD27	Stewart	GS-11-180	GS-11-18000001.asd.sco	Muscovite	1	NULL	NULL	160.59
185	651510	5254658	21	NAD27	Stewart	GS-11-181	GS-11-18100001.asd.sco	Phengite	1	NULL	NULL	259.97
186	651556	5254713	21	NAD27	Stewart	GS-11-182	GS-11-18200001.asd.sco	Muscovite	1	NULL	NULL	167.21
187	651541	5254768	21	NAD27	Stewart	GS-11-183	GS-11-18300001.asd.sco	Chlorite-FeMg	0.685	Phengite	0.315	141.92
188	651718	5254311	21	NAD27	Stewart	GS-11-184	GS-11-18400001.asd.sco	Alunite-Na	1	NULL	NULL	332.96
189	651649	5254440	21	NAD27	Stewart	GS-11-186	GS-11-18600001.asd.sco	Pyrophyllite	0.74	Alunite-K	0.26	192.79
190	651649	5254440	21	NAD27	Stewart	GS-11-187	GS-11-18700001.asd.sco	Alunite-Na	1	NULL	NULL	225.22
191	651665	5254462	21	NAD27	Stewart	GS-11-188	GS-11-18800001.asd.sco	Alunite-K	1	NULL	NULL	194.23
192	651680	5254462	21	NAD27	Stewart	GS-11-189	GS-11-18900001.asd.sco	Alunite-K	0.831	Pyrophyllite	0.169	57.885
193	651744	5254445	21	NAD27	Stewart	GS-11-190	GS-11-19000001.asd.sco	Alunite-K	1	NULL	NULL	75.308
194	651754	5254412	21	NAD27	Stewart	GS-11-191	GS-11-19100001.asd.sco	Alunite-K	1	NULL	NULL	57.669
195	651780	5254443	21	NAD27	Stewart	GS-11-192	GS-11-19200001.asd.sco	Alunite-K	1	NULL	NULL	73.608
196	651777	5254446	21	NAD27	Stewart	GS-11-193	GS-11-19300001.asd.sco	Alunite-K	1	NULL	NULL	182.94
197	651845	5254527	21	NAD27	Stewart	GS-11-194	GS-11-19400001.asd.sco	Phengite	1	NULL	NULL	167.37
198	651918	5254409	21	NAD27	Stewart	GS-11-196	GS-11-19600001.asd.sco	Phengite	1	NULL	NULL	238.77
199	652086	5254385	21	NAD27	Stewart	GS-11-197	GS-11-19700001.asd.sco	Phengite	1	NULL	NULL	155.59
200	652086	5254385	21	NAD27	Stewart	GS-11-198	GS-11-19800001.asd.sco	Phengite	0.822	Ankerite	0.178	196.81
201	652147	5254467	21	NAD27	Stewart	GS-11-199	GS-11-19900001.asd.sco	Phengite	1	NULL	NULL	127.53
202	652128	5254585	21	NAD27	Stewart	GS-11-200	GS-11-20000001.asd.sco	Phengite	0.759	Epidote	0.241	193.41
203	651876	5254332	21	NAD27	Stewart	GS-11-201	GS-11-20100001.asd.sco	Muscovite	1	NULL	NULL	134.25
204	652238	5254297	21	NAD27	Stewart	GS-11-202	GS-11-20200001.asd.sco	Alunite-Na	1	NULL	NULL	283.52
205	652273	5254325	21	NAD27	Stewart	GS-11-203	GS-11-20300001.asd.sco	Alunite-Na	1	NULL	NULL	366.09
206	652273	5254325	21	NAD27	Stewart	GS-11-204	GS-11-20400001.asd.sco	Alunite-K	1	NULL	NULL	247.24
207	652273	5254325	21	NAD27	Stewart	GS-11-205	GS-11-20500001.asd.sco	Alunite-K	1	NULL	NULL	205.32
208	659252	5255975	21	NAD27	Stewart	GS-11-206	GS-11-20600001.asd.sco	Muscovite	0.593	Chlorite-FeMg	0.407	76.25
209	658262	5256206	21	NAD27	Stewart	GS-11-207	GS-11-20700001.asd.sco	Phengite	1	NULL	NULL	158.45
210	657124	5256218	21	NAD27	Stewart	GS-11-209	GS-11-20900001.asd.sco	Phengite	1	NULL	NULL	125.29
211	654348	5254850	21	NAD27	Stewart	GS-11-211	GS-11-21100001.asd.sco	Zoisite	0.768	Muscovite	0.232	92.122
212	653889	5255041	21	NAD27	Stewart	GS-11-212	GS-11-21200001.asd.sco	Epidote	0.542	Chlorite-FeMg	0.458	105.55
213	653892	5255069	21	NAD27	Stewart	GS-11-213	GS-11-21300001.asd.sco	Muscovite	1	NULL	NULL	88.188
214	653862	5255122	21	NAD27	Stewart	GS-11-214	GS-11-21400001.asd.sco	Muscovite	1	NULL	NULL	342.28
215	654926	5255805	21	NAD27	Forty Creek	GS-11-216	GS-11-21600001.asd.sco	Muscovite	1	NULL	NULL	54.59
216	654942	5255820	21	NAD27	Forty Creek	GS-11-217	GS-11-21700001.asd.sco	Phengite	0.617	Chlorite-FeMg	0.383	67.807
217	654942	5255820	21	NAD27	Forty Creek	GS-11-218	GS-11-21800001.asd.sco	Muscovite	1	NULL	NULL	159.53
218	654909	5255826	21	NAD27	Forty Creek	GS-11-219	GS-11-21900001.asd.sco	Muscovite	1	NULL	NULL	46.263
219	654909	5255826	21	NAD27	Forty Creek	GS-11-219	GS-11-21900002.asd.sco	Muscovite	1	NULL	NULL	26.541
220	695593	5300052	21	NAD27	Power Line	GS-11-220	GS-11-22000001.asd.sco	Phengite	1	NULL	NULL	17.759
221	695718	5300181	21	NAD27	Power Line	GS-11-221	GS-11-22100001.asd.sco	Phengite	1	NULL	NULL	48.786
222	695751	5300379	21	NAD27	Power Line	GS-11-222	GS-11-22200001.asd.sco	Phengite	1	NULL	NULL	30.52
223	695897	5300508	21	NAD27	Power Line	GS-11-224	GS-11-22400001.asd.sco	Phengite	1	NULL	NULL	35.003
224	695597	5300508	21	NAD27	Power Line	GS-11-225	GS-11-22500001.asd.sco	Phengite	0.629	Tourmaline-Fe	0.371	19.785
225	695922	5300539	21	NAD27	Power Line	GS-11-226	GS-11-22600001.asd.sco	Phengite	1	NULL	NULL	72.864
226	696013	5300749	21	NAD27	Power Line	GS-11-228	GS-11-22800001.asd.sco	Phengite	0.835	Tourmaline-Fe	0.165	56.71
227	696152	5300723	21	NAD27	Power Line	GS-11-229	GS-11-22900001.asd.sco	Phengite	0.664	Chlorite-FeMg	0.336	257.57

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
228	696063	5300900	21	NAD27	Power Line	GS-11-230	GS-11-23000001.asd.sco	Chlorite-Fe	0.646	Siderite	0.354	76.836
229	650520	5250044	21	NAD27	Man Head Pond	GS-11-231	GS-11-23100001.asd.sco	Phengite	0.687	Chlorite-FeMg	0.313	287.72
230	650520	5250044	21	NAD27	Man Head Pond	GS-11-231	GS-11-23100002.asd.sco	Phengite	1	NULL	NULL	121.29
231	650348	5249398	21	NAD27	Man Head Pond	GS-11-232	GS-11-23200001.asd.sco	Phengite	1	NULL	NULL	106.7
232	650374	5250003	21	NAD27	Man Head Pond	GS-11-233	GS-11-23300001.asd.sco	Phengite	1	NULL	NULL	170.78
233	635398	5252117	21	NAD27	Point Rosie	GS-11-234	GS-11-23400001.asd.sco	Epidote	1	NULL	NULL	132.49
234	635398	5252117	21	NAD27	Point Rosie	GS-11-235	GS-11-23500001.asd.sco	Phengite	1	NULL	NULL	142.51
235	645541	5256863	21	NAD27	White Mountain Pond	GS-11-236	GS-11-23600001.asd.sco	Phengite	1	NULL	NULL	189.07
236	646088	5256685	21	NAD27	White Mountain Pond	GS-11-237	GS-11-23700001.asd.sco	Paragonite	0.729	Montmorillonite	0.271	106.45
237	646352	5256802	21	NAD27	White Mountain Pond	GS-11-238	GS-11-23800001.asd.sco	Muscovite	1	NULL	NULL	168.28
238	639131	5226143	21	NAD27	White Mountain Pond	GS-11-239	GS-11-23900001.asd.sco	Chlorite-Fe	0.634	Phengite	0.366	113.97
239	639071	5226220	21	NAD27	Kelstone	GS-11-241	GS-11-24100001.asd.sco	Muscovite	1	NULL	NULL	37.753
240	639086	5226279	21	NAD27	Kelstone	GS-11-242	GS-11-24200001.asd.sco	Muscovite	0.665	Chlorite-Fe	0.335	187.69
241	639069	5226353	21	NAD27	Kelstone	GS-11-243	GS-11-24300001.asd.sco	Muscovite	1	NULL	NULL	202.19
242	639093	5226384	21	NAD27	Kelstone	GS-11-244	GS-11-24400001.asd.sco	Muscovite	1	NULL	NULL	353.99
243	638889	5226429	21	NAD27	Kelstone	GS-11-245	GS-11-24500001.asd.sco	Chlorite-FeMg	1	NULL	NULL	103.99
244	639067	5226595	21	NAD27	Kelstone	GS-11-246	GS-11-24600001.asd.sco	Muscovite	1	NULL	NULL	92.089
245	639060	5226592	21	NAD27	Kelstone	GS-11-247	GS-11-24700001.asd.sco	Muscovite	1	NULL	NULL	109.15
246	639144	5226678	21	NAD27	Kelstone	GS-11-248	GS-11-24800001.asd.sco	Muscovite	0.539	Chlorite-Fe	0.461	193.06
247	639144	5226678	21	NAD27	Kelstone	GS-11-249	GS-11-24900001.asd.sco	Chlorite-Fe	0.551	Muscovite	0.449	164.09
248	639080	5226732	21	NAD27	Kelstone	GS-11-250	GS-11-25000001.asd.sco	Muscovite	0.614	Chlorite-Fe	0.386	315.43
249	639171	5227012	21	NAD27	Kelstone	GS-11-251	GS-11-25100001.asd.sco	Muscovite	1	NULL	NULL	48.989
250	639183	5227067	21	NAD27	Kelstone	GS-11-252	GS-11-25200001.asd.sco	Muscovite	1	NULL	NULL	51.159
251	639130	5226864	21	NAD27	Kelstone	GS-11-253	GS-11-25300001.asd.sco	Phengiticllite	1	NULL	NULL	104.32
252	639115	5226821	21	NAD27	Kelstone	GS-11-254	GS-11-25400001.asd.sco	Paragoniticllite	1	NULL	NULL	70.524
253	639071	5226721	21	NAD27	Kelstone	GS-11-255	GS-11-25500001.asd.sco	Chlorite-FeMg	0.542	Muscovite	0.458	44.019
254	639009	5226720	21	NAD27	Kelstone	GS-11-256	GS-11-25600001.asd.sco	Muscovite	1	NULL	NULL	86.606
255	638960	5226719	21	NAD27	Kelstone	GS-11-257	GS-11-25700001.asd.sco	Paragoniticllite	0.735	Chlorite-FeMg	0.265	111.9
256	637479	5229629	21	NAD27	Braxton-Bradly	GS-11-260	GS-11-26000001.asd.sco	Chlorite-FeMg	0.8	Muscovite	0.2	58.063
258	645867	5256454	21	NAD27	White Mountain Pond	GS-11-262	GS-11-26200001.asd.sco	Muscovite	0.642	Chlorite-FeMg	0.358	176.88
260	645856	5256440	21	NAD27	White Mountain Pond	GS-11-264	GS-11-26400001.asd.sco	Paragonite	0.694	Montmorillonite	0.306	88.275
261	646206	5256086	21	NAD27	White Mountain Pond	GS-11-265	GS-11-26500001.asd.sco	Phengite	1	NULL	NULL	165.32
262	645872	5256705	21	NAD27	White Mountain Pond	GS-11-266	GS-11-26600001.asd.sco	Phengite	0.791	Epidote	0.209	302.87
263	646088	5256685	21	NAD27	White Mountain Pond	GS-11-267	GS-11-26700001.asd.sco	Muscovite	1	NULL	NULL	25.246
264	646530	5256876	21	NAD27	White Mountain Pond	GS-11-268	GS-11-26800001.asd.sco	Muscovite	1	NULL	NULL	384.27
265	646511	5256875	21	NAD27	White Mountain Pond	GS-11-269	GS-11-26900001.asd.sco	Paragonite	0.782	Montmorillonite	0.218	93.103
266	646511	5256864	21	NAD27	White Mountain Pond	GS-11-270	GS-11-27000001.asd.sco	Muscovite	1	NULL	NULL	50.025
267	647837	5257384	21	NAD27	White Mountain Pond	GS-11-271	GS-11-27100001.asd.sco	Phengite	1	NULL	NULL	47.114
268	647957	5256477	21	NAD27	White Mountain Pond	GS-11-272	GS-11-27200001.asd.sco	Phengite	0.79	Chlorite-FeMg	0.21	98.295
269	648010	5256484	21	NAD27	White Mountain Pond	GS-11-273	GS-11-27300001.asd.sco	Muscovite	1	NULL	NULL	98.07
270	648427	5256483	21	NAD27	White Mountain Pond	GS-11-274	GS-11-27400001.asd.sco	Muscovite	1	NULL	NULL	120.02
271	653166	5254529	21	NAD27	Stewart	GS-11-275	GS-11-27500001.asd.sco	Epidote	1	NULL	NULL	76.465
272	587728	5193823	21	NAD27	Peter Brook	GS-11-276	GS-11-27600001.asd.sco	Muscovite	1	NULL	NULL	56.453
273	587728	5193823	21	NAD27	Peter Brook	GS-11-276	GS-11-27600002.asd.sco	Paragoniticllite	0.725	Montmorillonite	0.275	101.33

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
274	587728	5193823	21	NAD27	Peter Brook	GS-11-277	GS-11-27700001.asd.sco	Prehnite	1	NULL	NULL	135.32
275	587728	5193823	21	NAD27	Peter Brook	GS-11-277	GS-11-27700002.asd.sco	Epidote	1	NULL	NULL	40.738
276	587709	5193844	21	NAD27	Peter Brook	GS-11-279	GS-11-27900001.asd.sco	Paragoniticillite	1	NULL	NULL	90.719
277	587709	5193944	21	NAD27	Peter Brook	GS-11-280	GS-11-28000001.asd.sco	Muscovite	1	NULL	NULL	52.104
278	587571	5193972	21	NAD27	Peter Brook	GS-11-283	GS-11-28300001.asd.sco	Muscovite	1	NULL	NULL	35.298
279	587571	5193972	21	NAD27	Peter Brook	GS-11-283	GS-11-28300002.asd.sco	Muscovite	1	NULL	NULL	136.93
280	645844	5229009	21	NAD27	Spanish Room	GS-11-284	GS-11-28400001.asd.sco	Chlorite-Fe	1	NULL	NULL	38.298
281	645844	5229009	21	NAD27	Spanish Room	GS-11-286	GS-11-28600001.asd.sco	Phengite	1	NULL	NULL	122.92
282	646018	5229267	21	NAD27	Spanish Room	GS-11-290	GS-11-29000001.asd.sco	Pyrophyllite	0.507	Dickite	0.493	94.723
283	646131	5229352	21	NAD27	Spanish Room	GS-11-291	GS-11-29100001.asd.sco	Paragoniticillite	1	NULL	NULL	93.139
284	645874	5235953	21	NAD27	Spanish Room	GS-11-292	GS-11-29200001.asd.sco	Muscovite	1	NULL	NULL	28.241
285	645736	5235780	21	NAD27	Spanish Room	GS-11-293	GS-11-29300001.asd.sco	Muscovite	0.607	Chlorite-FeMg	0.393	135.77
286	645736	5235780	21	NAD27	Spanish Room	GS-11-294	GS-11-29400001.asd.sco	Chlorite-FeMg	0.538	Muscovite	0.462	155.06
287	645923	5235976	21	NAD27	Spanish Room	GS-11-295	GS-11-29500001.asd.sco	Paragonite	1	NULL	NULL	80.494
288	647534	5237864	21	NAD27	Burin Highway	GS-11-296	GS-11-29600001.asd.sco	Phengite	0.698	Ankerite	0.302	176.01
289	647534	5237864	21	NAD27	Burin Highway	GS-11-297	GS-11-29700001.asd.sco	Phengite	0.528	Chlorite-FeMg	0.472	327.46
290	648725	5239214	21	NAD27	Burin Highway	GS-11-298	GS-11-29800001.asd.sco	Kaolinite-WX	0.544	Ankerite	0.456	57.31
291	648725	5239214	21	NAD27	Burin Highway	GS-11-299	GS-11-29900001.asd.sco	Kaolinite-WX	1	NULL	NULL	54.39
292	652186	5243073	21	NAD27	Red Harbour River East	GS-11-300	GS-11-30000001.asd.sco	Pyrophyllite	0.722	Kaolinite-WX	0.278	50.837
293	652186	5243073	21	NAD27	Red Harbour River East	GS-11-301	GS-11-30100001.asd.sco	Pyrophyllite	1	NULL	NULL	43.927
294	652186	5243073	21	NAD27	Burin Highway	GS-11-302	GS-11-30200001.asd.sco	Muscovite	0.579	Pyrophyllite	0.421	75.067
295	659426	5251954	21	NAD27	Burin Highway	GS-11-304	GS-11-30400001.asd.sco	Muscovite	1	NULL	NULL	159.9
296	659246	5251954	21	NAD27	Burin Highway	GS-11-305	GS-11-30500001.asd.sco	Muscovite	1	NULL	NULL	66.383
297	659246	5251954	21	NAD27	Burin Highway	GS-11-305	GS-11-30500002.asd.sco	Muscovite	1	NULL	NULL	69.63
298	659246	5251954	21	NAD27	Burin Highway	GS-11-306	GS-11-30600001.asd.sco	Chlorite-FeMg	0.814	Muscovite	0.186	140.51
299	710338	5351012	21	NAD27	Big Easy	GS-11-307	GS-11-30700001.asd.sco	Calcite	0.744	Muscovite	0.256	43.354
300	709840	5348186	21	NAD27	Big Easy	GS-11-309	GS-11-30900001.asd.sco	Phengite	0.699	Magnesite	0.301	13.982
301	709840	5348186	21	NAD27	Big Easy	GS-11-309	GS-11-30900002.asd.sco	Siderite	0.514	Phengite	0.486	80.355
302	709832	5348188	21	NAD27	Big Easy	GS-11-310	GS-11-31000001.asd.sco	Phengite	0.732	Magnesite	0.268	27.116
303	709832	5348188	21	NAD27	Big Easy	GS-11-310	GS-11-31000002.asd.sco	Chlorite-FeMg	0.771	Phengite	0.229	56.125
304	709988	5347827	21	NAD27	Big Easy	GS-11-311	GS-11-31100001.asd.sco	Phengite	1	NULL	NULL	120.67
305	709988	5347827	21	NAD27	Big Easy	GS-11-311	GS-11-31100002.asd.sco	Phengite	1	NULL	NULL	102.1
306	709876	5347887	21	NAD27	Big Easy	GS-11-312	GS-11-31200001.asd.sco	Phengite	1	NULL	NULL	44.084
309	709857	5347815	21	NAD27	Big Easy	GS-11-313	GS-11-31300001.asd.sco	Chlorite-FeMg	0.69	Phengite	0.31	31.065
310	709857	5347815	21	NAD27	Big Easy	GS-11-313	GS-11-31300002.asd.sco	Phengite	0.622	Siderite	0.378	39.468
311	710076	5347562	21	NAD27	Big Easy	GS-11-314	GS-11-31400001.asd.sco	Phengite	0.649	Siderite	0.351	41.006
312	710076	5347562	21	NAD27	Big Easy	GS-11-314	GS-11-31400002.asd.sco	Phengite	0.838	Magnesite	0.162	66.982
313	716678	5401189	21	NAD27	Calvin's Landing	GS-11-315	GS-11-31500001.asd.sco	Chlorite-FeMg	0.604	Epidote	0.396	124.57
314	716423	5401291	21	NAD27	Calvin's Landing	GS-11-316	GS-11-31600001.asd.sco	Phengite	1	NULL	NULL	105.73
315	716300	5401135	21	NAD27	Calvin's Landing	GS-11-317	GS-11-31700001.asd.sco	Chlorite-FeMg	0.524	Muscovite	0.476	35.433
316	715905	5401214	21	NAD27	Calvin's Landing	GS-11-318	GS-11-31800001.asd.sco	Phengite	1	NULL	NULL	14.09
317	716413	5401064	21	NAD27	Calvin's Landing	GS-11-319	GS-11-31900001.asd.sco	Pyrophyllite	1	NULL	NULL	42.697
318	716314	5400977	21	NAD27	Calvin's Landing	GS-11-320	GS-11-32000001.asd.sco	Muscovite	0.604	Chlorite-Fe	0.396	283.84
319	716339	5401000	21	NAD27	Calvin's Landing	GS-11-321	GS-11-32100001.asd.sco	Chlorite-Fe	0.56	Muscovite	0.44	376.31

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
320	716358	5400998	21	NAD27	Calvin's Landing	GS-11-322	GS-11-32200001.asd.sco	Muscovite	1	NULL	NULL	80.718
321	716414	5401000	21	NAD27	Calvin's Landing	GS-11-323	GS-11-32300001.asd.sco	Muscovite	1	NULL	NULL	99.834
323	716414	5401000	21	NAD27	Calvin's Landing	GS-11-324	GS-11-32400002.asd.sco	Pyrophyllite	0.614	Dickite	0.386	71.233
324	715999	5400765	21	NAD27	Calvin's Landing	GS-11-325	GS-11-32500001.asd.sco	Phengite	0.799	Biotite	0.201	71.127
325	709812	5348589	21	NAD27	Big Easy	GS-11-326	GS-11-32600001.asd.sco	Epidote	0.506	Phengite	0.494	150.97
326	709726	5348414	21	NAD27	Big Easy	GS-11-327	GS-11-32700001.asd.sco	Phengite	0.545	Epidote	0.455	133.4
328	710217	5347247	21	NAD27	Big Easy	GS-11-329	GS-11-32900001.asd.sco	Muscovite	0.831	Epidote	0.169	259.46
329	718985	5331541	21	NAD27	Tug Pond	GS-11-333	GS-11-33300001.asd.sco	Chlorite-Mg	0.643	Epidote	0.357	152.68
330	719005	5331628	21	NAD27	Tug Pond	GS-11-334	GS-11-33400001.asd.sco	Phengite	0.543	Epidote	0.457	67.446
332	719005	5331628	21	NAD27	Tug Pond	GS-11-334	GS-11-33400003.asd.sco	Phengite	0.835	Epidote	0.165	54.872
333	719005	5331628	21	NAD27	Tug Pond	GS-11-334	GS-11-33400004.asd.sco	Phengite	1	NULL	NULL	180.32
334	719225	5331669	21	NAD27	Tug Pond	GS-11-335	GS-11-33500001.asd.sco	Epidote	0.559	Phengite	0.441	82.732
335	719225	5331669	21	NAD27	Tug Pond	GS-11-335	GS-11-33500002.asd.sco	Epidote	1	NULL	NULL	59.643
336	725578	5396962	21	NAD27	Cull's Harbour	GS-11-339	GS-11-33900001.asd.sco	Ankerite	1	NULL	NULL	56.426
337	725578	5396962	21	NAD27	Cull's Harbour	GS-11-339	GS-11-33900002.asd.sco	Siderite	0.806	Muscovite	0.194	48.587
338	725571	5396911	21	NAD27	Cull's Harbour	GS-11-340	GS-11-34000001.asd.sco	Chlorite-FeMg	0.645	Muscovite	0.355	200.86
339	725571	5396911	21	NAD27	Cull's Harbour	GS-11-340	GS-11-34000002.asd.sco	Muscovite	1	NULL	NULL	251.45
340	725569	5396898	21	NAD27	Cull's Harbour	GS-11-341	GS-11-34100001.asd.sco	Ankerite	1	NULL	NULL	73.852
341	725569	5396898	21	NAD27	Cull's Harbour	GS-11-342	GS-11-34200001.asd.sco	Ankerite	1	NULL	NULL	48.969
342	726509	5397212	21	NAD27	Cull's Harbour	GS-11-343	GS-11-34300001.asd.sco	Muscovite	1	NULL	NULL	145.37
343	725661	5396836	21	NAD27	Cull's Harbour	GS-11-345	GS-11-34500001.asd.sco	Paragoniticllite	0.648	Siderite	0.352	106.34
344	718701	5332632	21	NAD27	Tug Pond	GS-11-346	GS-11-34600001.asd.sco	Phengite	1	NULL	NULL	120.26
345	719173	5331887	21	NAD27	Tug Pond	GS-11-347	GS-11-34700001.asd.sco	Chlorite-Mg	0.647	Epidote	0.353	90.268
346	719218	5331952	21	NAD27	Tug Pond	GS-11-348	GS-11-34800001.asd.sco	Chlorite-Mg	0.62	Muscovite	0.38	49.633
347	662806	5255360	21	NAD27	Boat Harbor	GS-11-349	GS-11-34900001.asd.sco	Paragonite	0.524	Chlorite-Fe	0.476	80.102
348	662839	5255378	21	NAD27	Boat Harbor	GS-11-350	GS-11-35000001.asd.sco	Chlorite-Fe	0.532	Paragonite	0.468	184.45
349	662839	5255378	21	NAD27	Boat Harbor	GS-11-351	GS-11-35100001.asd.sco	Paragonite	1	NULL	NULL	341.82
350	662945	5255403	21	NAD27	Boat Harbor	GS-11-352	GS-11-35200001.asd.sco	Chlorite-Fe	0.581	Paragonite	0.419	194.83
351	668971	5256453	21	NAD27	Boat Harbor	GS-11-354	GS-11-35400001.asd.sco	Phengite	1	NULL	NULL	65.38
352	670363	5256435	21	NAD27	Boat Harbor	GS-11-356	GS-11-35600001.asd.sco	Muscovite	1	NULL	NULL	53.276
353	670363	5256435	21	NAD27	Boat Harbor	GS-11-357	GS-11-35700001.asd.sco	Phengite	1	NULL	NULL	63.835
354	658959	5282651	21	NAD27	Goldhammer	GS-11-359	GS-11-35900001.asd.sco	Paragonite	1	NULL	NULL	222.14
355	658959	5282651	21	NAD27	Goldhammer	GS-11-360	GS-11-36000001.asd.sco	Paragoniticllite	1	NULL	NULL	48.072
356	658911	5282508	21	NAD27	Goldhammer	GS-11-361	GS-11-36100001.asd.sco	Muscovite	1	NULL	NULL	41.032
357	658986	5282489	21	NAD27	Goldhammer	GS-11-362	GS-11-36200001.asd.sco	Phengite	1	NULL	NULL	27.826
359	658870	5282568	21	NAD27	Goldhammer	GS-11-364	GS-11-36400001.asd.sco	Paragonite	1	NULL	NULL	140.64
360	658829	5282682	21	NAD27	Goldhammer	GS-11-365	GS-11-36500001.asd.sco	Muscovite	0.622	Pyrophyllite	0.378	100.93
361	658929	5282773	21	NAD27	Goldhammer	GS-11-366	GS-11-36600001.asd.sco	Pyrophyllite	1	NULL	NULL	56.65
362	658881	5282773	21	NAD27	Goldhammer	GS-11-367	GS-11-36700001.asd.sco	Pyrophyllite	1	NULL	NULL	71.696
363	658881	5282773	21	NAD27	Goldhammer	GS-11-367	GS-11-36700002.asd.sco	Pyrophyllite	1	NULL	NULL	51.516
364	658876	5282768	21	NAD27	Goldhammer	GS-11-368	GS-11-36800001.asd.sco	Diaspore	1	NULL	NULL	101.1
365	658884	5282801	21	NAD27	Goldhammer	GS-11-369	GS-11-36900001.asd.sco	Pyrophyllite	1	NULL	NULL	59.023
366	658884	5282801	21	NAD27	Goldhammer	GS-11-369	GS-11-36900002.asd.sco	Pyrophyllite	1	NULL	NULL	62.344
367	658884	5282801	21	NAD27	Goldhammer	GS-11-370	GS-11-37000001.asd.sco	Pyrophyllite	0.713	Kaolinite-WX	0.287	63.091

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
368	658884	5282801	21	NAD27	Goldhammer	GS-11-371	GS-11-37100001.asd.sco	Diaspore	0.724	Pyrophyllite	0.276	130.07
369	658928	5282850	21	NAD27	Goldhammer	GS-11-372	GS-11-37200001.asd.sco	Pyrophyllite	1	NULL	NULL	62.465
370	658928	5282850	21	NAD27	Goldhammer	GS-11-372	GS-11-37200002.asd.sco	Pyrophyllite	1	NULL	NULL	49.818
371	658700	5282715	21	NAD27	Goldhammer	GS-11-373	GS-11-37300001.asd.sco	Muscovite	1	NULL	NULL	51.41
372	658700	5282715	21	NAD27	Goldhammer	GS-11-374	GS-11-37400001.asd.sco	Muscovite	1	NULL	NULL	54.302
374	658690	5282775	21	NAD27	Goldhammer	GS-11-375	GS-11-37500001.asd.sco	Pyrophyllite	1	NULL	NULL	108.53
375	658656	5282892	21	NAD27	Goldhammer	GS-11-376	GS-11-37600001.asd.sco	Muscovite	0.551	Chlorite-Fe	0.449	314.62
376	658761	5282929	21	NAD27	Goldhammer	GS-11-377	GS-11-37700001.asd.sco	Muscovite	1	NULL	NULL	140.26
377	658832	5282916	21	NAD27	Goldhammer	GS-11-378	GS-11-37800001.asd.sco	Paragonite	0.501	Chlorite-Fe	0.499	379.33
378	658875	5281842	21	NAD27	Goldhammer	GS-11-379	GS-11-37900001.asd.sco	Phengite	1	NULL	NULL	329.23
381	658648	5282024	21	NAD27	Goldhammer	GS-11-382	GS-11-38200001.asd.sco	Epidote	0.627	Phengite	0.373	47.616
382	658384	5282452	21	NAD27	Goldhammer	GS-11-386	GS-11-38600001.asd.sco	Phengite	1	NULL	NULL	65.792
384	658368	5282630	21	NAD27	Goldhammer	GS-11-389	GS-11-38900001.asd.sco	Pyrophyllite	1	NULL	NULL	64.007
385	658368	5282630	21	NAD27	Goldhammer	GS-11-390	GS-11-39000001.asd.sco	Muscovite	0.57	Pyrophyllite	0.43	101.98
386	658388	5282706	21	NAD27	Goldhammer	GS-11-391	GS-11-39100001.asd.sco	Pyrophyllite	1	NULL	NULL	75.213
387	658388	5282706	21	NAD27	Goldhammer	GS-11-392	GS-11-39200001.asd.sco	Pyrophyllite	1	NULL	NULL	46.945
388	658527	5282777	21	NAD27	Goldhammer	GS-11-393	GS-11-39300001.asd.sco	Pyrophyllite	1	NULL	NULL	103.59
389	658796	5282535	21	NAD27	Goldhammer	GS-11-394	GS-11-39400001.asd.sco	Muscovite	0.689	Chlorite-FeMg	0.311	118.49
390	658887	5282387	21	NAD27	Goldhammer	GS-11-395	GS-11-39500001.asd.sco	Paragonite	1	NULL	NULL	327.01
391	658887	5282387	21	NAD27	Goldhammer	GS-11-396	GS-11-39600001.asd.sco	Muscovite	1	NULL	NULL	40.195
392	659017	5282990	21	NAD27	Goldhammer	GS-11-397	GS-11-39700001.asd.sco	Muscovite	1	NULL	NULL	160.33
394	658986	5282989	21	NAD27	Goldhammer	GS-11-399	GS-11-39900001.asd.sco	Muscovite	1	NULL	NULL	64.092
395	658956	5282989	21	NAD27	Goldhammer	GS-11-400	GS-11-40000001.asd.sco	Paragonite	1	NULL	NULL	311.81
396	658930	5283012	21	NAD27	Goldhammer	GS-11-401	GS-11-40100001.asd.sco	Muscovite	1	NULL	NULL	217.56
397	658872	5283072	21	NAD27	Goldhammer	GS-11-402	GS-11-40200001.asd.sco	Paragoniticllite	1	NULL	NULL	110.3
398	658844	5283067	21	NAD27	Goldhammer	GS-11-403	GS-11-40300001.asd.sco	Muscovite	1	NULL	NULL	58.019
399	658858	5283142	21	NAD27	Goldhammer	GS-11-404	GS-11-40400001.asd.sco	Phengite	1	NULL	NULL	88.588
400	659017	5283198	21	NAD27	Goldhammer	GS-11-405	GS-11-40500001.asd.sco	Phengite	1	NULL	NULL	60.925
401	659096	5283320	21	NAD27	Goldhammer	GS-11-406	GS-11-40600001.asd.sco	Phengite	1	NULL	NULL	43.599
402	659152	5283302	21	NAD27	Goldhammer	GS-11-407	GS-11-40700001.asd.sco	Phengite	0.756	Chlorite-Fe	0.244	188.19
403	659141	5283259	21	NAD27	Goldhammer	GS-11-408	GS-11-40800001.asd.sco	Phengite	1	NULL	NULL	44.185
404	659062	5283144	21	NAD27	Goldhammer	GS-11-409	GS-11-40900001.asd.sco	Muscovite	1	NULL	NULL	108.4
405	656213	5284080	21	NAD27	543 Trend	GS-11-410	GS-11-41000001.asd.sco	Chlorite-Fe	1	NULL	NULL	197.26
406	656175	5284067	21	NAD27	543 Trend	GS-11-411	GS-11-41100001.asd.sco	Chlorite-Fe	0.805	Epidote	0.195	77.248
407	656146	5284075	21	NAD27	543 Trend	GS-11-412	GS-11-41200001.asd.sco	Epidote	0.563	Chlorite-FeMg	0.437	57.628
408	656286	5284061	21	NAD27	543 Trend	GS-11-413	GS-11-41300001.asd.sco	Epidote	0.515	Phengite	0.485	108.61
409	656408	5283939	21	NAD27	543 Trend	GS-11-414	GS-11-41400001.asd.sco	Phengite	0.52	Siderite	0.48	28.643
411	656408	5283939	21	NAD27	543 Trend	GS-11-415	GS-11-41500001.asd.sco	Phengite	0.544	Siderite	0.456	21.204
412	656408	5283939	21	NAD27	543 Trend	GS-11-415	GS-11-41500002.asd.sco	Phengite	1	NULL	NULL	61.648
413	656404	5283892	21	NAD27	543 Trend	GS-11-416	GS-11-41600001.asd.sco	Paragonite	0.736	Montmorillonite	0.264	71.385
414	656376	5283883	21	NAD27	543 Trend	GS-11-417	GS-11-41700001.asd.sco	Phengite	1	NULL	NULL	52.331
415	656376	5283883	21	NAD27	543 Trend	GS-11-418	GS-11-41800001.asd.sco	Muscovite	1	NULL	NULL	48.346
416	656376	5283883	21	NAD27	543 Trend	GS-11-418	GS-11-41800002.asd.sco	Muscovite	1	NULL	NULL	102.53
417	656376	5283883	21	NAD27	543 Trend	GS-11-419	GS-11-41900001.asd.sco	Muscovite	1	NULL	NULL	42.117

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
418	656376	5283883	21	NAD27	543 Trend	GS-11-419	GS-11-41900002.asd.sco	Muscovite	1	NULL	NULL	113.45
421	691967	5285071	21	NAD27	Tower	GS-11-422	GS-11-42200001.asd.sco	Phengite	1	NULL	NULL	115.53
422	692031	5285091	21	NAD27	Tower	GS-11-423	GS-11-42300001.asd.sco	Chlorite-FeMg	0.565	Epidote	0.435	122.33
423	692202	5285280	21	NAD27	Tower	GS-11-424	GS-11-42400001.asd.sco	Phengite	0.721	Epidote	0.279	112.91
424	692144	5285308	21	NAD27	Tower	GS-11-425	GS-11-42500001.asd.sco	Phengite	1	NULL	NULL	321.37
425	692050	5285356	21	NAD27	Tower	GS-11-426	GS-11-42600001.asd.sco	Phengite	0.591	Siderite	0.409	125.17
426	692107	5285492	21	NAD27	Tower	GS-11-427	GS-11-42700001.asd.sco	Phengite	1	NULL	NULL	70.552
427	691820	5285155	21	NAD27	Tower	GS-11-428	GS-11-42800001.asd.sco	Phengite	0.793	Tourmaline-Fe	0.207	118.72
428	686552	5289656	21	NAD27	Monkstown Road	GS-11-429	GS-11-42900001.asd.sco	Phengite	0.787	Jarosite	0.213	35.978
429	686552	5289656	21	NAD27	Monkstown Road	GS-11-429	GS-11-42900002.asd.sco	Phengite	1	NULL	NULL	50.556
430	709873	5347882	21	NAD27	Big Easy	GS-11-430	GS-11-43000001.asd.sco	Phengite	1	NULL	NULL	217.92
431	709873	5347882	21	NAD27	Big Easy	GS-11-430	GS-11-43000002.asd.sco	Phengite	0.724	Epidote	0.276	120.36
432	710022	5347108	21	NAD27	Big Easy	GS-11-432	GS-11-43200001.asd.sco	Phengite	0.545	Epidote	0.455	120.23
433	709983	5344214	21	NAD27	Big Easy	GS-11-433	GS-11-43300001.asd.sco	Phengite	0.765	Epidote	0.235	192.76
434	709983	5344214	21	NAD27	Big Easy	GS-11-433	GS-11-43300002.asd.sco	Muscovite	0.585	Chlorite-FeMg	0.415	179.69
435	709981	5344212	21	NAD27	Big Easy	GS-11-434	GS-11-43400001.asd.sco	Paragoniticllite	0.581	Chlorite-FeMg	0.419	140.64
436	709986	5344201	21	NAD27	Big Easy	GS-11-435	GS-11-43500001.asd.sco	Muscovite	1	NULL	NULL	67.032
437	709986	5344201	21	NAD27	Big Easy	GS-11-435	GS-11-43500002.asd.sco	Phengite	1	NULL	NULL	161.69
438	711396	5343542	21	NAD27	Big Easy	GS-11-436	GS-11-43600001.asd.sco	Chlorite-FeMg	0.603	Phengite	0.397	229.38
439	691728	5340590	21	NAD27	W of Thorburn Lake	GS-11-437	GS-11-43700001.asd.sco	Phengite	1	NULL	NULL	119.75
440	691470	5340794	21	NAD27	W of Thorburn Lake	GS-11-438	GS-11-43800001.asd.sco	Phengite	0.813	Epidote	0.187	210.19
441	695602	5332129	21	NAD27	W of Thorburn Lake	GS-11-439	GS-11-43900001.asd.sco	Phengite	1	NULL	NULL	343.4
442	659204	5283223	21	NAD27	Goldhammer	GS-11-440	GS-11-44000001.asd.sco	Phengite	1	NULL	NULL	55.023
445	659226	5283322	21	NAD27	Goldhammer	GS-11-443	GS-11-44300001.asd.sco	Muscovite	1	NULL	NULL	43.559
446	659202	5283377	21	NAD27	Goldhammer	GS-11-444	GS-11-44400001.asd.sco	Muscovite	1	NULL	NULL	37.56
447	659265	5283570	21	NAD27	Goldhammer	GS-11-445	GS-11-44500001.asd.sco	Phengite	1	NULL	NULL	78.378
448	659280	5283535	21	NAD27	Goldhammer	GS-11-446	GS-11-44600001.asd.sco	Phengite	1	NULL	NULL	47.17
449	659289	5283507	21	NAD27	Goldhammer	GS-11-447	GS-11-44700001.asd.sco	Phengite	1	NULL	NULL	62.307
450	659289	5283507	21	NAD27	Goldhammer	GS-11-447	GS-11-44700002.asd.sco	Phengite	1	NULL	NULL	53.256
451	659289	5283507	21	NAD27	Goldhammer	GS-11-447	GS-11-44700003.asd.sco	Phengite	1	NULL	NULL	50.593
452	659287	5283506	21	NAD27	Goldhammer	GS-11-448	GS-11-44800001.asd.sco	Phengite	1	NULL	NULL	53.202
453	659287	5283506	21	NAD27	Goldhammer	GS-11-448	GS-11-44800002.asd.sco	Phengite	1	NULL	NULL	63.733
454	659292	5283505	21	NAD27	Goldhammer	GS-11-449	GS-11-44900001.asd.sco	Phengite	1	NULL	NULL	66.842
455	659292	5283505	21	NAD27	Goldhammer	GS-11-449	GS-11-44900002.asd.sco	Phengite	1	NULL	NULL	58.187
456	659287	5283501	21	NAD27	Goldhammer	GS-11-450	GS-11-45000001.asd.sco	Phengite	1	NULL	NULL	60.671
457	659287	5283501	21	NAD27	Goldhammer	GS-11-450	GS-11-45000002.asd.sco	Phengite	1	NULL	NULL	100.09
458	659280	5283488	21	NAD27	Goldhammer	GS-11-451	GS-11-45100001.asd.sco	Phengite	1	NULL	NULL	70.195
459	659280	5283488	21	NAD27	Goldhammer	GS-11-451	GS-11-45100002.asd.sco	Phengite	1	NULL	NULL	69.823
460	659278	5283487	21	NAD27	Goldhammer	GS-11-452	GS-11-45200001.asd.sco	Phengite	1	NULL	NULL	63.648
461	697082	5291455	21	NAD27	Chimney Falls	GS-11-453	GS-11-45300001.asd.sco	Alunite-Na	0.756	Muscovite	0.244	128.63
462	697080	5291457	21	NAD27	Chimney Falls	GS-11-454	GS-11-45400001.asd.sco	Alunite-Na	1	NULL	NULL	408.11
463	699307	5295047	21	NAD27	Hickey's Pond	GS-11-455	GS-11-45500001.asd.sco	Alunite-Na	1	NULL	NULL	238.24
464	699320	5295031	21	NAD27	Hickey's Pond	GS-11-456	GS-11-45600001.asd.sco	Alunite-Na	1	NULL	NULL	167.72
466	699316	5295025	21	NAD27	Hickey's Pond	GS-11-458	GS-11-45800001.asd.sco	Alunite-Na	1	NULL	NULL	104.1

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
468	699326	5295013	21	NAD27	Hickey's Pond	GS-11-460	GS-11-46000001.asd.sco	Alunite-Na	1	NULL	NULL	56.425
469	699428	5294996	21	NAD27	Hickey's Pond	GS-11-461	GS-11-46100001.asd.sco	Alunite-Na	1	NULL	NULL	306.78
470	701786	5297622	21	NAD27	Eric's Occurrence	GS-11-462	GS-11-46200001.asd.sco	Alunite-Na	0.818	Kaolinite-PX	0.182	48.257
471	701891	5297618	21	NAD27	Eric's Occurrence	GS-11-463	GS-11-46300001.asd.sco	Phengite	1	NULL	NULL	47.331
472	687540	5285723	21	NAD27	Bullwinkle	GS-11-464	GS-11-46400001.asd.sco	Epidote	0.634	Muscovite	0.366	114.23
473	687448	5285770	21	NAD27	Bullwinkle	GS-11-465	GS-11-46500001.asd.sco	Alunite-Na	1	NULL	NULL	159.11
474	687453	5285768	21	NAD27	Bullwinkle	GS-11-466	GS-11-46600001.asd.sco	Alunite-Na	0.801	Phengite	0.199	33.939
475	687453	5285768	21	NAD27	Bullwinkle	GS-11-466	GS-11-46600002.asd.sco	Alunite-Na	1	NULL	NULL	42.577
476	687538	5286030	21	NAD27	Bullwinkle	GS-11-467	GS-11-46700001.asd.sco	Alunite-Na	1	NULL	NULL	131.92
477	687566	5286020	21	NAD27	Bullwinkle	GS-11-468	GS-11-46800001.asd.sco	Kaolinite-WX	0.609	Dickite	0.391	164.38
478	687685	5285955	21	NAD27	Bullwinkle	GS-11-469	GS-11-46900001.asd.sco	Phengite	0.556	Epidote	0.444	92.755
479	687749	5285874	21	NAD27	Bullwinkle	GS-11-470	GS-11-47000001.asd.sco	Jarosite	0.599	Epidote	0.401	91.489
480	686336	5284547	21	NAD27	Strange	GS-11-471	GS-11-47100001.asd.sco	Phengite	1	NULL	NULL	105.2
482	625588	5208523	21	NAD27	Stroud's Pond	GS-11-473	GS-11-47300001.asd.sco	Kaolinite-WX	0.803	Paragonite	0.197	54.299
483	625587	5208524	21	NAD27	Stroud's Pond	GS-11-474	GS-11-47400001.asd.sco	Paragonite	0.769	Kaolinite-WX	0.231	108.5
484	625583	5208525	21	NAD27	Stroud's Pond	GS-11-475	GS-11-47500001.asd.sco	Muscovite	1	NULL	NULL	135.63
485	625567	5208585	21	NAD27	Stroud's Pond	GS-11-476	GS-11-47600001.asd.sco	Kaolinite-WX	1	NULL	NULL	256.51
486	625567	5208585	21	NAD27	Stroud's Pond	GS-11-476	GS-11-47600002.asd.sco	Kaolinite-WX	0.686	Pyrophyllite	0.314	210.46
487	625566	5208586	21	NAD27	Stroud's Pond	GS-11-477	GS-11-47700001.asd.sco	Kaolinite-WX	0.755	Pyrophyllite	0.245	142.51
488	629947	5247667	21	NAD27	Point Rosie	GS-11-478	GS-11-47800001.asd.sco	Muscovite	0.841	Epidote	0.159	102.98
489	629955	5247669	21	NAD27	Point Rosie	GS-11-479	GS-11-47900001.asd.sco	Chlorite-FeMg	0.658	Muscovite	0.342	114.56
490	633595	5247354	21	NAD27	Point Rosie	GS-11-480	GS-11-48000001.asd.sco	Phengite	1	NULL	NULL	133.75
491	633352	5248016	21	NAD27	Point Rosie	GS-11-481	GS-11-48100001.asd.sco	Phengite	1	NULL	NULL	234.54
492	633351	5248014	21	NAD27	Point Rosie	GS-11-482	GS-11-48200001.asd.sco	Muscovite	1	NULL	NULL	81.927
493	633499	5248130	21	NAD27	Point Rosie	GS-11-483	GS-11-48300001.asd.sco	Paragonite	0.771	Montmorillonite	0.229	133.19
494	709935	5347561	21	NAD27	Big Easy	GS-12-01	GS-12-0100001.asd.sco	Muscovite	1	NULL	NULL	89.634
495	709935	5347561	21	NAD27	Big Easy	GS-12-02	GS-12-0200001.asd.sco	Phengite	0.683	Epidote	0.317	195.49
496	709935	5347561	21	NAD27	Big Easy	GS-12-03	GS-12-0300001.asd.sco	Phengite	0.561	Chlorite-FeMg	0.439	71.676
497	709935	5347561	21	NAD27	Big Easy	GS-12-04	GS-12-0400001.asd.sco	Muscovite	1	NULL	NULL	32.575
498	709935	5347561	21	NAD27	Big Easy	GS-12-05	GS-12-0500001.asd.sco	Phengite	1	NULL	NULL	261.86
499	709935	5347561	21	NAD27	Big Easy	GS-12-05	GS-12-0500002.asd.sco	Phengite	1	NULL	NULL	89.604
500	709935	5347561	21	NAD27	Big Easy	GS-12-06	GS-12-0600001.asd.sco	Phengite	1	NULL	NULL	66.23
501	709935	5347561	21	NAD27	Big Easy	GS-12-06	GS-12-0600002.asd.sco	Phengite	1	NULL	NULL	78.046
502	709935	5347561	21	NAD27	Big Easy	GS-12-07	GS-12-0700001.asd.sco	Chlorite-FeMg	1	NULL	NULL	176.35
504	692176	5286246	21	NAD27	Tower	GS-12-09	GS-12-0900001.asd.sco	Phengite	1	NULL	NULL	132.52
505	692176	5286246	21	NAD27	Tower	GS-12-10	GS-12-1000001.asd.sco	Phengite	1	NULL	NULL	116.73
506	661624	5257261	21	NAD27	Rattle Brook	GS-12-11	GS-12-1100001.asd.sco	Muscovite	1	NULL	NULL	234.85
507	661624	5257261	21	NAD27	Rattle Brook	GS-12-11	GS-12-1100002.asd.sco	Muscovite	1	NULL	NULL	385.16
508	661641	5257284	21	NAD27	Rattle Brook	GS-12-12	GS-12-1200001.asd.sco	Muscovite	1	NULL	NULL	319.67
509	654969	5255810	21	NAD27	Rattle Brook	GS-12-13	GS-12-1300001.asd.sco	Muscovite	0.748	Pyrophyllite	0.252	265.66
510	654969	5255810	21	NAD27	Rattle Brook	GS-12-13	GS-12-1300002.asd.sco	Muscovite	0.501	Siderite	0.499	362.71
511	661585	5257278	21	NAD27	Rattle Brook	GS-12-14	GS-12-1400001.asd.sco	Paragonite	1	NULL	NULL	320.84
512	661585	5257278	21	NAD27	Rattle Brook	GS-12-14	GS-12-1400002.asd.sco	Pyrophyllite	0.621	Dickite	0.379	57.724
513	661567	5257288	21	NAD27	Rattle Brook	GS-12-15	GS-12-1500001.asd.sco	Pyrophyllite	0.812	Dickite	0.188	161.54

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
514	661567	5257288	21	NAD27	Rattle Brook	GS-12-15	GS-12-1500002.asd.sco	Pyrophyllite	0.634	Muscovite	0.366	103.91
515	661480	5257332	21	NAD27	Rattle Brook	GS-12-16	GS-12-1600001.asd.sco	Chlorite-Fe	1	NULL	NULL	167.84
517	660755	5257640	21	NAD27	Rattle Brook	GS-12-18	GS-12-1800001.asd.sco	Muscovite	0.589	Magnesite	0.411	134.25
518	660755	5257640	21	NAD27	Rattle Brook	GS-12-18	GS-12-1800002.asd.sco	Muscovite	0.55	Magnesite	0.45	173.62
519	660724	5257628	21	NAD27	Rattle Brook	GS-12-19	GS-12-1900001.asd.sco	Alunite-K	1	NULL	NULL	244.76
520	660696	5257646	21	NAD27	Rattle Brook	GS-12-20	GS-12-2000001.asd.sco	Muscovite	0.579	Alunite-Na	0.421	233.08
521	660689	5257644	21	NAD27	Rattle Brook	GS-12-21	GS-12-2100001.asd.sco	Alunite-K	1	NULL	NULL	418.04
522	660565	5257549	21	NAD27	Rattle Brook	GS-12-22	GS-12-2200001.asd.sco	Muscovite	0.743	Pyrophyllite	0.257	190.89
523	660506	5257479	21	NAD27	Rattle Brook	GS-12-23	GS-12-2300001.asd.sco	Phengite	1	NULL	NULL	170.39
524	661722	5257186	21	NAD27	Rattle Brook	GS-12-24	GS-12-2400001.asd.sco	Phengite	1	NULL	NULL	54.586
525	654942	5255820	21	NAD27	Forty Creek	GS-12-26	GS-12-2600001.asd.sco	Epidote	0.659	Phengite	0.341	133.14
526	654942	5255820	21	NAD27	Forty Creek	GS-12-26	GS-12-2600002.asd.sco	Muscovite	1	NULL	NULL	69.631
527	654942	5255820	21	NAD27	Forty Creek	GS-12-27	GS-12-2700001.asd.sco	Phengite	1	NULL	NULL	122.24
528	691817	5285153	21	NAD27	Monkstown Road	GS-12-28	GS-12-2800001.asd.sco	Phengite	1	NULL	NULL	82.719
529	692664	5286246	21	NAD27	Tower	GS-12-29	GS-12-2900001.asd.sco	Phengite	1	NULL	NULL	285.25
530	654969	5255810	21	NAD27	Forty Creek	GS-12-30	GS-12-3000001.asd.sco	Muscovite	1	NULL	NULL	112.71
531	654969	5255810	21	NAD27	Forty Creek	GS-12-30	GS-12-3000002.asd.sco	Muscovite	1	NULL	NULL	51.365
532	654969	5255810	21	NAD27	Forty Creek	GS-12-31	GS-12-3100001.asd.sco	Chlorite-FeMg	0.548	Phengite	0.452	177.52
533	654969	5255810	21	NAD27	Forty Creek	GS-12-32	GS-12-3200001.asd.sco	Phengite	0.832	Epidote	0.168	104.6
534	654969	5255810	21	NAD27	Forty Creek	GS-12-33	GS-12-3300001.asd.sco	Phengite	1	NULL	NULL	49.987
535	654969	5255810	21	NAD27	Forty Creek	GS-12-34	GS-12-3400001.asd.sco	Muscovite	1	NULL	NULL	41.904
536	654969	5255810	21	NAD27	Forty Creek	GS-12-34	GS-12-3400002.asd.sco	Muscovite	0.761	Ankerite	0.239	42.396
537	654969	5255810	21	NAD27	Forty Creek	GS-12-35	GS-12-3500001.asd.sco	Phengite	0.645	Chlorite-FeMg	0.355	108.91
538	584744	5195041	21	NAD27	Heritage	GS-12-36	GS-12-3600001.asd.sco	Muscovite	0.667	Jarosite	0.333	36.936
539	584744	5195041	21	NAD27	Heritage	GS-12-36	GS-12-3600002.asd.sco	Muscovite	1	NULL	NULL	44.637
540	584744	5195041	21	NAD27	Heritage	GS-12-37	GS-12-3700001.asd.sco	Phengite	0.825	Magnesite	0.175	101.82
541	584744	5195041	21	NAD27	Heritage	GS-12-37	GS-12-3700002.asd.sco	Muscovite	1	NULL	NULL	39.983
542	584744	5195041	21	NAD27	Heritage	GS-12-38	GS-12-3800001.asd.sco	Phengite	0.832	Magnesite	0.168	72.507
543	584744	5195041	21	NAD27	Heritage	GS-12-38	GS-12-3800002.asd.sco	Phengite	1	NULL	NULL	103.52
544	584744	5195041	21	NAD27	Heritage	GS-12-39	GS-12-3900001.asd.sco	Phengite	1	NULL	NULL	211.32
545	584744	5195041	21	NAD27	Heritage	GS-12-39	GS-12-3900002.asd.sco	Phengite	1	NULL	NULL	59.815
546	584838	5195246	21	NAD27	Heritage	GS-12-40	GS-12-4000001.asd.sco	Phengite	1	NULL	NULL	98.032
547	584838	5195246	21	NAD27	Heritage	GS-12-40	GS-12-4000002.asd.sco	Phengite	1	NULL	NULL	106.62
548	585101	5195644	21	NAD27	Heritage	GS-12-41	GS-12-4100001.asd.sco	Chlorite-Fe	0.849	Siderite	0.151	46.374
549	585101	5195644	21	NAD27	Heritage	GS-12-42	GS-12-4200001.asd.sco	Phengite	0.591	Chlorite-FeMg	0.409	141.54
550	585101	5195644	21	NAD27	Heritage	GS-12-42	GS-12-4200002.asd.sco	Siderite	0.518	Phengite	0.482	75.399
551	585101	5195644	21	NAD27	Heritage	GS-12-43	GS-12-4300001.asd.sco	Chlorite-Fe	0.511	Phengite	0.489	154.9
552	585101	5195644	21	NAD27	Heritage	GS-12-43	GS-12-4300002.asd.sco	Muscovite	1	NULL	NULL	70.513
553	585101	5195644	21	NAD27	Heritage	GS-12-43	GS-12-43b00001.asd.sco	Phengite	1	NULL	NULL	168.65
554	585101	5195644	21	NAD27	Heritage	GS-12-43	GS-12-43b00002.asd.sco	Phengite	0.712	Siderite	0.288	66.786
555	585208	5195835	21	NAD27	Heritage	GS-12-44	GS-12-4400001.asd.sco	Chlorite-FeMg	0.756	Phengite	0.244	89.392
556	585208	5195835	21	NAD27	Heritage	GS-12-44	GS-12-4400002.asd.sco	Chlorite-Fe	0.73	Muscovite	0.27	114.65
557	585208	5195835	21	NAD27	Heritage	GS-12-45	GS-12-4500001.asd.sco	Phengite	0.633	Siderite	0.367	53.571
559	585208	5195835	21	NAD27	Heritage	GS-12-46	GS-12-4600001.asd.sco	Phengite	1	NULL	NULL	47.66

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
560	585208	5195835	21	NAD27	Heritage	GS-12-46	GS-12-4600002.asd.sco	Calcite	0.56	Muscovite	0.44	248.36
561	585208	5195835	21	NAD27	Heritage	GS-12-47	GS-12-4700001.asd.sco	Chlorite-FeMg	0.541	Phengite	0.459	146.68
562	585208	5195835	21	NAD27	Heritage	GS-12-47	GS-12-4700002.asd.sco	Chlorite-FeMg	0.625	Phengite	0.375	108.89
563	585208	5195835	21	NAD27	Heritage	GS-12-48	GS-12-4800001.asd.sco	Chlorite-Fe	0.803	Siderite	0.197	30.051
564	585208	5195835	21	NAD27	Heritage	GS-12-48	GS-12-4800002.asd.sco	Phengite	0.641	Siderite	0.359	61.53
565	652097	5243272	21	NAD27	Red Harbour River East	GS-12-50	GS-12-5000001.asd.sco	Phengite	1	NULL	NULL	64.887
566	652373	5243566	21	NAD27	Red Harbour River East	GS-12-51	GS-12-5100000.asd.sco	Phengite	0.691	Epidote	0.309	66.658
567	652466	5243639	21	NAD27	Red Harbour River East	GS-12-52	GS-12-5200000.asd.sco	Phengite	1	NULL	NULL	99.33
568	652466	5243639	21	NAD27	Red Harbour River East	GS-12-53	GS-12-5300001.asd.sco	Phengite	0.722	Kaolinite-WX	0.278	47.252
569	652466	5243639	21	NAD27	Red Harbour River East	GS-12-54	GS-12-5400000.asd.sco	Phengite	1	NULL	NULL	39.318
570	652489	5243681	21	NAD27	Red Harbour River East	GS-12-55	GS-12-5500000.asd.sco	Phengite	0.545	Kaolinite-WX	0.455	70.732
571	652776	5243951	21	NAD27	Red Harbour River East	GS-12-56	GS-12-5600000.asd.sco	Kaolinite-WX	0.626	Phengite	0.374	59.225
572	652632	5243778	21	NAD27	Red Harbour River East	GS-12-57	GS-12-5700000.asd.sco	Kaolinite-WX	0.507	Phengite	0.493	53.823
573	652632	5243778	21	NAD27	Red Harbour River East	GS-12-57	GS-12-5700001.asd.sco	Kaolinite-WX	0.576	Phengite	0.424	58.129
574	652632	5243778	21	NAD27	Red Harbour River East	GS-12-58	GS-12-5800000.asd.sco	Kaolinite-WX	1	NULL	NULL	57.287
575	652632	5243778	21	NAD27	Red Harbour River East	GS-12-58	GS-12-5800001.asd.sco	Kaolinite-WX	1	NULL	NULL	77.654
576	674595	5267414	21	NAD27	Cape Rodgers	GS-12-59	GS-12-5900000.asd.sco	Phengite	0.557	Epidote	0.443	152.85
577	675643	5266281	21	NAD27	Cape Rodgers	GS-12-60	GS-12-6000000.asd.sco	Phengite	1	NULL	NULL	79.872
578	675643	5266281	21	NAD27	Cape Rodgers	GS-12-60	GS-12-6000001.asd.sco	Phengite	1	NULL	NULL	239.89
579	587164	5192363	21	NAD27	Peter Brook	GS-12-61	GS-12-6100000.asd.sco	Chlorite-FeMg	1	NULL	NULL	111.39
580	586753	5193415	21	NAD27	Peter Brook	GS-12-62	GS-12-6200000.asd.sco	Phengite	1	NULL	NULL	244.23
581	586753	5193415	21	NAD27	Peter Brook	GS-12-62	GS-12-6200001.asd.sco	Phengite	0.757	Calcite	0.243	67.571
582	587709	5193944	21	NAD27	Peter Brook	GS-12-63	GS-12-6300000.asd.sco	Phengite	0.713	Chlorite-FeMg	0.287	149.27
583	670678	5280243	21	NAD27	Terenceville East	GS-12-64	GS-12-6400000.asd.sco	Epidote	0.52	Phengite	0.48	170.74
584	670747	5280202	21	NAD27	Terenceville East	GS-12-65	GS-12-6500000.asd.sco	Siderite	0.564	Phengite	0.436	48.73
585	670722	5280053	21	NAD27	Terenceville East	GS-12-66	GS-12-6600000.asd.sco	Chlorite-FeMg	0.545	Phengite	0.455	162.42
586	670723	5279907	21	NAD27	Terenceville East	GS-12-67	GS-12-6700000.asd.sco	Phengite	1	NULL	NULL	441.71
588	670663	5279763	21	NAD27	Terenceville East	GS-12-69	GS-12-6900000.asd.sco	Phengite	1	NULL	NULL	151.76
589	670663	5279763	21	NAD27	Terenceville East	GS-12-70	GS-12-7000000.asd.sco	Siderite	0.61	Phengite	0.39	95.102
590	670590	5279678	21	NAD27	Terenceville East	GS-12-71	GS-12-7100000.asd.sco	Phengite	1	NULL	NULL	48.22
595	660621	5256295	21	NAD27	Rattle Brook	GS-12-75	GS-12-7500000.asd.sco	Phengite	1	NULL	NULL	116.26
596	660647	5256361	21	NAD27	Rattle Brook	GS-12-76	GS-12-7600000.asd.sco	Chlorite-FeMg	0.729	Epidote	0.271	63.562
597	660793	5256502	21	NAD27	Rattle Brook	GS-12-77	GS-12-7700000.asd.sco	Phengite	0.775	Epidote	0.225	70.5
598	660922	5256614	21	NAD27	Rattle Brook	GS-12-78	GS-12-7800000.asd.sco	Siderite	0.595	Phengite	0.405	100.12
599	660819	5256847	21	NAD27	Rattle Brook	GS-12-79	GS-12-7900000.asd.sco	Muscovite	0.587	Chlorite-FeMg	0.413	222.22
600	660654	5257087	21	NAD27	Rattle Brook	GS-12-80	GS-12-8000000.asd.sco	Muscovite	0.575	Chlorite-FeMg	0.425	261.76
601	660321	5257318	21	NAD27	Rattle Brook	GS-12-81	GS-12-8100000.asd.sco	Phengite	1	NULL	NULL	171.48
602	660268	5257365	21	NAD27	Rattle Brook	GS-12-82	GS-12-8200000.asd.sco	Muscovite	1	NULL	NULL	137.45
603	660268	5257365	21	NAD27	Rattle Brook	GS-12-83	GS-12-8300000.asd.sco	Pyrophyllite	1	NULL	NULL	67.835
604	660314	5257414	21	NAD27	Rattle Brook	GS-12-84	GS-12-8400000.asd.sco	Phengite	0.657	Epidote	0.343	102.68
606	660332	5257433	21	NAD27	Rattle Brook	GS-12-86	GS-12-8600000.asd.sco	Muscovite	0.615	Siderite	0.385	65.338
607	709980	5347795	21	NAD27	Big Easy	GS-12-87	GS-12-8700000.asd.sco	Muscovite	0.622	Epidote	0.378	39.278
608	691772	5285374	21	NAD27	Tower	GS-12-88	GS-12-8800000.asd.sco	Phengite	1	NULL	NULL	172.8
609	692000	5285778	21	NAD27	Tower	GS-12-89	GS-12-8900000.asd.sco	Alunite-Na	1	NULL	NULL	248.35

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
610	691849	5285637	21	NAD27	Tower	GS-12-90	GS-12-9000000.asd.sco	Muscovite	1	NULL	NULL	134.06
611	691801	5285629	21	NAD27	Tower	GS-12-91	GS-12-9100000.asd.sco	Phengite	0.653	Chlorite-Mg	0.347	87.107
612	691801	5285629	21	NAD27	Tower	GS-12-92	GS-12-9200000.asd.sco	Phengite	1	NULL	NULL	171.34
613	691813	5285759	21	NAD27	Tower	GS-12-93	GS-12-9300000.asd.sco	Phengite	1	NULL	NULL	317.95
614	658163	5247116	21	NAD27	Baine Harbour	GS-12-94	GS-12-9400000.asd.sco	Phengite	1	NULL	NULL	180.51
615	658440	5246977	21	NAD27	Baine Harbour	GS-12-95	GS-12-9500000.asd.sco	Phengite	1	NULL	NULL	113.02
616	658456	5246971	21	NAD27	Baine Harbour	GS-12-96	GS-12-9600000.asd.sco	Phengite	0.819	Ankerite	0.181	124.2
617	658491	5246947	21	NAD27	Baine Harbour	GS-12-97	GS-12-9700000.asd.sco	Phengite	0.695	Kaolinite-WX	0.305	106.3
618	658478	5246942	21	NAD27	Baine Harbour	GS-12-98	GS-12-9800000.asd.sco	Phengite	1	NULL	NULL	158.45
619	678850	5282309	21	NAD27	Pork Hills South	GS-12-99	GS-12-9900000.asd.sco	Phengite	0.696	Epidote	0.304	63.78
620	678850	5282309	21	NAD27	Pork Hills South	GS-12-100	GS-12-1000000.asd.sco	Epidote	0.718	Muscovite	0.282	67.067
621	670630	5288193	21	NAD27	Owls Lookout	GS-12-101	GS-12-10100000.asd.sco	Siderite	0.55	Muscovite	0.45	71.526
622	670630	5288193	21	NAD27	Owls Lookout	GS-12-102	GS-12-10200000.asd.sco	Chlorite-FeMg	0.816	Muscovite	0.184	105.31
623	670630	5288193	21	NAD27	Owls Lookout	GS-12-102	GS-12-10200001.asd.sco	Siderite	0.564	Muscovite	0.436	76.519
624	585728	5196993	21	NAD27	Heritage	GS-12-103	GS-12-10300001.asd.sco	Muscovite	1	NULL	NULL	69.954
625	585728	5196993	21	NAD27	Heritage	GS-12-104	GS-12-10400001.asd.sco	Phengite	1	NULL	NULL	62.999
626	585728	5196993	21	NAD27	Heritage	GS-12-105	GS-12-10500001.asd.sco	Chlorite-FeMg	0.751	Phengite	0.249	76.262
627	585728	5196993	21	NAD27	Heritage	GS-12-106	GS-12-10600001.asd.sco	Phengite	1	NULL	NULL	67.941
628	585728	5196993	21	NAD27	Heritage	GS-12-106	GS-12-10600002.asd.sco	Muscovite	0.55	Siderite	0.45	38.557
629	585728	5196993	21	NAD27	Heritage	GS-12-107	GS-12-10700001.asd.sco	Phengite	0.768	Siderite	0.232	30.023
630	585728	5196993	21	NAD27	Heritage	GS-12-108	GS-12-10800000.asd.sco	Muscovite	1	NULL	NULL	51.908
631	585728	5196993	21	NAD27	Heritage	GS-12-108	GS-12-10800001.asd.sco	Muscovite	1	NULL	NULL	54.979
632	585782	5196748	21	NAD27	Heritage	GS-12-109	GS-12-10900000.asd.sco	Phengite	1	NULL	NULL	93.368
633	585782	5196748	21	NAD27	Heritage	GS-12-110	GS-12-11000000.asd.sco	Phengite	1	NULL	NULL	86.259
634	585782	5196748	21	NAD27	Heritage	GS-12-110	GS-12-11000001.asd.sco	Chlorite-FeMg	0.788	Muscovite	0.212	103.1
635	585730	5196203	21	NAD27	Heritage	GS-12-111	GS-12-11100000.asd.sco	Phengite	1	NULL	NULL	158.12
636	585730	5196203	21	NAD27	Heritage	GS-12-112	GS-12-11200000.asd.sco	Phengite	1	NULL	NULL	113.58
637	585730	5196203	21	NAD27	Heritage	GS-12-113	GS-12-11300000.asd.sco	Phengiticllite	1	NULL	NULL	145.52
638	585730	5196203	21	NAD27	Heritage	GS-12-113	GS-12-11300001.asd.sco	Phengiticllite	1	NULL	NULL	162.44
639	585208	5195835	21	NAD27	Heritage	GS-12-114	GS-12-11400000.asd.sco	Phengite	0.721	Siderite	0.279	90.911
640	585208	5195835	21	NAD27	Heritage	GS-12-114	GS-12-11400001.asd.sco	Muscovite	1	NULL	NULL	46.659
641	585208	5195835	21	NAD27	Heritage	GS-12-115	GS-12-11500000.asd.sco	Muscovite	1	NULL	NULL	73.913
642	585156	5195755	21	NAD27	Heritage	GS-12-116	GS-12-11600000.asd.sco	Phengite	0.671	Siderite	0.329	76.066
644	585101	5195644	21	NAD27	Heritage	GS-12-118	GS-12-11800000.asd.sco	Phengite	0.512	Chlorite-FeMg	0.488	188.26
645	585101	5195644	21	NAD27	Heritage	GS-12-119	GS-12-11900000.asd.sco	Chlorite-Fe	0.623	Phengite	0.377	238.03
646	585101	5195644	21	NAD27	Heritage	GS-12-119	GS-12-11900001.asd.sco	Phengite	0.842	Magnesite	0.158	63.055
647	584744	5195041	21	NAD27	Heritage	GS-12-120	GS-12-12000000.asd.sco	Muscovite	1	NULL	NULL	52.784
648	658576	5248400	21	NAD27	Baine Harbour	GS-12-121	GS-12-12100000.asd.sco	Epidote	1	NULL	NULL	169.78
649	658900	5248369	21	NAD27	Baine Harbour	GS-12-122	GS-12-12200000.asd.sco	Phengite	1	NULL	NULL	114.78
650	658900	5248369	21	NAD27	Baine Harbour	GS-12-122	GS-12-12200001.asd.sco	Phengite	1	NULL	NULL	153.63
651	659307	5248085	21	NAD27	Baine Harbour	GS-12-123	GS-12-12300000.asd.sco	Phengite	1	NULL	NULL	128.53
652	635630	5251358	21	NAD27	Point Rosie	GS-12-124	GS-12-12400000.asd.sco	Phengite	1	NULL	NULL	60.469
653	635352	5251265	21	NAD27	Point Rosie	GS-12-125	GS-12-12500000.asd.sco	Phengite	1	NULL	NULL	217.53
654	635212	5250821	21	NAD27	Point Rosie	GS-12-126	GS-12-12600000.asd.sco	Phengite	1	NULL	NULL	182.98

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
655	635333	5250659	21	NAD27	Point Rosie	GS-12-127	GS-12-12700000.asd.sco	Phengite	0.798	Epidote	0.202	183.44
656	635393	5250516	21	NAD27	Point Rosie	GS-12-128	GS-12-12800000.asd.sco	Muscovite	1	NULL	NULL	167.5
657	635122	5250411	21	NAD27	Point Rosie	GS-12-129	GS-12-12900000.asd.sco	Phengite	0.834	Epidote	0.166	72.755
658	634810	5250421	21	NAD27	Point Rosie	GS-12-130	GS-12-13000000.asd.sco	Muscovite	1	NULL	NULL	163.73
659	634761	5250766	21	NAD27	Point Rosie	GS-12-131	GS-12-13100000.asd.sco	Muscovite	1	NULL	NULL	113.75
660	634736	5251036	21	NAD27	Point Rosie	GS-12-132	GS-12-13200000.asd.sco	Muscovite	1	NULL	NULL	96.921
661	634736	5251036	21	NAD27	Point Rosie	GS-12-133	GS-12-13300000.asd.sco	Paragonite	1	NULL	NULL	208.47
662	634877	5251369	21	NAD27	Point Rosie	GS-12-134	GS-12-13400000.asd.sco	Muscovite	1	NULL	NULL	82.149
663	632342	5249685	21	NAD27	Point Rosie	GS-12-135	GS-12-13500000.asd.sco	Muscovite	0.538	Chlorite-FeMg	0.462	106.68
664	632090	5249478	21	NAD27	Point Rosie	GS-12-136	GS-12-13600000.asd.sco	Muscovite	1	NULL	NULL	263.44
665	631974	5249336	21	NAD27	Point Rosie	GS-12-137	GS-12-13700000.asd.sco	Muscovite	0.516	Chlorite-FeMg	0.484	51.466
666	631918	5249304	21	NAD27	Point Rosie	GS-12-138	GS-12-13800000.asd.sco	Muscovite	1	NULL	NULL	238.48
667	631781	5249144	21	NAD27	Point Rosie	GS-12-139	GS-12-13900000.asd.sco	Chlorite-FeMg	1	NULL	NULL	163.8
668	631695	5248940	21	NAD27	Point Rosie	GS-12-140	GS-12-14000000.asd.sco	Muscovite	1	NULL	NULL	221.69
669	631682	5248851	21	NAD27	Point Rosie	GS-12-141	GS-12-14100000.asd.sco	Phengite	0.773	Siderite	0.227	221.57
670	631682	5248851	21	NAD27	Point Rosie	GS-12-142	GS-12-14200000.asd.sco	Phengite	1	NULL	NULL	194.92
671	632125	5248609	21	NAD27	Point Rosie	GS-12-143	GS-12-14300000.asd.sco	Chlorite-FeMg	0.59	Phengite	0.41	210.24
672	632306	5248660	21	NAD27	Point Rosie	GS-12-144	GS-12-14400000.asd.sco	Chlorite-FeMg	0.734	Epidote	0.266	161.05
673	632306	5248660	21	NAD27	Point Rosie	GS-12-145	GS-12-14500000.asd.sco	Phengite	0.791	Ankerite	0.209	137.22
674	632374	5248693	21	NAD27	Point Rosie	GS-12-146	GS-12-14600000.asd.sco	Phengite	0.802	Ankerite	0.198	115.59
675	662121	5256711	21	NAD27	Rattle Brook	GS-12-147	GS-12-14700001.asd.sco	Muscovite	0.77	Epidote	0.23	119.86
676	662128	5256708	21	NAD27	Rattle Brook	GS-12-148	GS-12-14800001.asd.sco	Chlorite-FeMg	0.597	Epidote	0.403	120.21
678	662192	5256747	21	NAD27	Rattle Brook	GS-12-149	GS-12-14900002.asd.sco	Muscovite	0.638	Zoisite	0.362	351.2
679	662192	5256747	21	NAD27	Rattle Brook	GS-12-150	GS-12-15000001.asd.sco	Pyrophyllite	1	NULL	NULL	463.58
680	662192	5256747	21	NAD27	Rattle Brook	GS-12-151	GS-12-15100001.asd.sco	Chlorite-Fe	0.687	Muscovite	0.313	272.9
681	662192	5256747	21	NAD27	Rattle Brook	GS-12-152	GS-12-15200001.asd.sco	Pyrophyllite	1	NULL	NULL	87.903
682	662192	5256747	21	NAD27	Rattle Brook	GS-12-153	GS-12-15300001.asd.sco	Chlorite-FeMg	0.65	Muscovite	0.35	50.567
683	662192	5256747	21	NAD27	Rattle Brook	GS-12-154	GS-12-15400001.asd.sco	Dickite	1	NULL	NULL	122.3
684	662192	5256747	21	NAD27	Rattle Brook	GS-12-155	GS-12-15500001.asd.sco	Muscovite	1	NULL	NULL	328.45
685	662192	5256747	21	NAD27	Rattle Brook	GS-12-156	GS-12-15600001.asd.sco	Chlorite-FeMg	0.747	Epidote	0.253	102.96
686	662192	5256747	21	NAD27	Rattle Brook	GS-12-156	GS-12-15600002.asd.sco	Epidote	0.617	Palygorskite	0.383	117.38
687	662260	5256713	21	NAD27	Rattle Brook	GS-12-158	GS-12-15800001.asd.sco	Paragonite	0.763	Montmorillonite	0.237	116.15
688	662965	5256886	21	NAD27	Rattle Brook	GS-12-159	GS-12-159A00002.asd.sco	Muscovite	0.525	Chlorite-FeMg	0.475	80.012
689	662965	5256886	21	NAD27	Rattle Brook	GS-12-159	GS-12-159B00001.asd.sco	Muscovite	1	NULL	NULL	56.993
690	662926	5256915	21	NAD27	Rattle Brook	GS-12-160	GS-12-16000001.asd.sco	Chlorite-FeMg	0.592	Phengite	0.408	197.89
691	584206	5194879	21	NAD27	Heritage	GS-12-161	GS-12-16100001.asd.sco	Chlorite-FeMg	0.714	Epidote	0.286	61.213
692	584785	5194829	21	NAD27	Heritage	GS-12-162	GS-12-16200001.asd.sco	Epidote	0.517	Muscovite	0.483	85.278
693	584785	5194829	21	NAD27	Heritage	GS-12-163	GS-12-16300001.asd.sco	Epidote	1	NULL	NULL	132.14
694	584785	5194829	21	NAD27	Heritage	GS-12-164	GS-12-16400001.asd.sco	Epidote	0.502	Muscovite	0.498	129.24
695	584744	5195041	21	NAD27	Heritage	GS-12-165	GS-12-16500001.asd.sco	Muscovite	1	NULL	NULL	32.308
696	584744	5195041	21	NAD27	Heritage	GS-12-165	GS-12-16500002.asd.sco	Muscovite	1	NULL	NULL	53.816
697	585101	5195644	21	NAD27	Heritage	GS-12-166	GS-12-16600001.asd.sco	Muscovite	1	NULL	NULL	58.664
698	585101	5195644	21	NAD27	Heritage	GS-12-166	GS-12-16600002.asd.sco	Chlorite-Fe	0.791	Ankerite	0.209	89.9
699	585208	5195835	21	NAD27	Heritage	GS-12-167	GS-12-16700001.asd.sco	Chlorite-Fe	0.821	Ankerite	0.179	89.447

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
700	585208	5195835	21	NAD27	Heritage	GS-12-167	GS-12-16700002.asd.sco	Chlorite-Fe	0.558	Calcite	0.442	114.65
702	685214	5284360	21	NAD27	Strange	GS-12-170	GS-12-17000001.asd.sco	Phengite	0.833	Tourmaline-Fe	0.167	96.211
703	686447	5283825	21	NAD27	Strange	GS-12-171	GS-12-17100001.asd.sco	Phengite	1	NULL	NULL	43.235
704	686447	5283825	21	NAD27	Strange	GS-12-171	GS-12-17100002.asd.sco	Phengite	0.554	Epidote	0.446	229.9
705	686447	5283825	21	NAD27	Strange	GS-12-172	GS-12-17200001.asd.sco	Epidote	0.584	Phengite	0.416	59.863
706	686447	5283825	21	NAD27	Strange	GS-12-172	GS-12-17200002.asd.sco	Muscovite	0.644	Epidote	0.356	127.93
707	686447	5283825	21	NAD27	Strange	GS-12-173	GS-12-17300001.asd.sco	Phengite	0.797	Epidote	0.203	133.52
708	686447	5283825	21	NAD27	Strange	GS-12-174	GS-12-17400001.asd.sco	Phengite	1	NULL	NULL	115.93
709	686451	5283734	21	NAD27	Strange	GS-12-175	GS-12-17500001.asd.sco	Phengite	1	NULL	NULL	20.346
710	685650	5284344	21	NAD27	Strange	GS-12-176	GS-12-17600001.asd.sco	Chlorite-FeMg	0.838	Epidote	0.162	103.81
712	685896	5284508	21	NAD27	Strange	GS-12-178	GS-12-17800001.asd.sco	Phengite	0.801	Ankerite	0.199	144.52
713	686098	5284580	21	NAD27	Strange	GS-12-179	GS-12-17900001.asd.sco	Phengite	1	NULL	NULL	160.65
714	686098	5284580	21	NAD27	Strange	GS-12-180	GS-12-18000001.asd.sco	Chlorite-FeMg	0.837	Epidote	0.163	95.197
715	686098	5284580	21	NAD27	Strange	GS-12-181	GS-12-18100001.asd.sco	Chlorite-FeMg	0.818	Epidote	0.182	99.932
716	685027	5284964	21	NAD27	Strange	GS-12-182	GS-12-18200001.asd.sco	Phengite	0.697	Biotite	0.303	45.717
717	686172	5284866	21	NAD27	Strange	GS-12-183	GS-12-18300001.asd.sco	Muscovite	1	NULL	NULL	77.963
718	686274	5284689	21	NAD27	Strange	GS-12-184	GS-12-18400001.asd.sco	Phengite	0.848	Epidote	0.152	125.75
719	686274	5284689	21	NAD27	Strange	GS-12-184	GS-12-18400002.asd.sco	Muscovite	0.799	Epidote	0.201	60.275
720	686455	5284672	21	NAD27	Strange	GS-12-185	GS-12-18500001.asd.sco	Muscovite	1	NULL	NULL	86.234
721	686455	5284672	21	NAD27	Strange	GS-12-186	GS-12-18600001.asd.sco	Muscovite	1	NULL	NULL	171.25
722	686455	5284672	21	NAD27	Strange	GS-12-187	GS-12-18700001.asd.sco	Muscovite	1	NULL	NULL	15.222
723	686455	5284672	21	NAD27	Strange	GS-12-188	GS-12-18800001.asd.sco	Muscovite	1	NULL	NULL	22.829
724	686455	5284672	21	NAD27	Strange	GS-12-189	GS-12-18900001.asd.sco	Muscovite	1	NULL	NULL	48.627
725	686424	5284624	21	NAD27	Strange	GS-12-190	GS-12-19000001.asd.sco	Phengite	0.714	Epidote	0.286	161.86
726	686424	5284624	21	NAD27	Strange	GS-12-191	GS-12-19100001.asd.sco	Phengite	0.73	Epidote	0.27	124.69
727	686172	5284329	21	NAD27	Strange	GS-12-192	GS-12-19200001.asd.sco	Phengite	0.619	Epidote	0.381	103.85
728	713007	5329724	21	NAD27	Tug Pond	GS-12-193	GS-12-19300001.asd.sco	Chlorite-FeMg	0.678	Epidote	0.322	116.02
729	702356	5318740	21	NAD27	S of Western Pd	GS-12-194	GS-12-19400001.asd.sco	Phengite	0.823	Ankerite	0.177	113.7
730	702356	5318740	21	NAD27	S of Western Pd	GS-12-195	GS-12-19500001.asd.sco	Phengite	0.75	Epidote	0.25	61.52
731	690960	5325898	21	NAD27	W of Western Pd	GS-12-196	GS-12-19600001.asd.sco	Muscovite	0.759	Magnesite	0.241	127.07
732	690960	5325898	21	NAD27	W of Western Pd	GS-12-197	GS-12-19700001.asd.sco	Phengite	1	NULL	NULL	117.72
733	694520	5332793	21	NAD27	W of Western Pd	GS-12-198	GS-12-19800001.asd.sco	Muscovite	1	NULL	NULL	79.97
734	693943	5332414	21	NAD27	W of Western Pd	GS-12-199	GS-12-19900001.asd.sco	Phengite	1	NULL	NULL	204.85
736	694030	5332359	21	NAD27	W of Western Pd	GS-12-201	GS-12-20100001.asd.sco	Phengite	1	NULL	NULL	63.139
737	694030	5332359	21	NAD27	W of Western Pd	GS-12-202	GS-12-20200001.asd.sco	Phengite	1	NULL	NULL	120.87
738	694030	5332359	21	NAD27	W of Western Pd	GS-12-203	GS-12-20300001.asd.sco	Phengite	1	NULL	NULL	101.36
739	694030	5332359	21	NAD27	W of Western Pd	GS-12-204	GS-12-20400001.asd.sco	Phengite	1	NULL	NULL	253.85
740	698864	5342789	21	NAD27	W of Western Pd	GS-12-205	GS-12-20500001.asd.sco	Phengite	0.79	Epidote	0.21	55.213
741	620730	5220027	21	NAD27	W of Western Pd	GS-12-205	GS-12-20500002.asd.sco	Phengite	0.775	Epidote	0.225	47.34
742	620735	5220024	21	NAD27	Beacon Hill	GS-12-207	GS-12-20700001.asd.sco	Alunite-K	1	NULL	NULL	173.57
743	620700	5220056	21	NAD27	Beacon Hill	GS-12-208	GS-12-20800001.asd.sco	Kaolinite-WX	0.641	Alunite-K	0.359	25.178
744	620700	5220056	21	NAD27	Beacon Hill	GS-12-208	GS-12-20800002.asd.sco	Kaolinite-WX	0.588	Alunite-K	0.412	55.268
745	620708	5220141	21	NAD27	Beacon Hill	GS-12-209	GS-12-20900001.asd.sco	Alunite-K	0.566	Kaolinite-WX	0.434	225.81
746	620710	5220143	21	NAD27	Beacon Hill	GS-12-210	GS-12-21000001.asd.sco	Kaolinite-WX	0.719	Alunite-Na	0.281	179.1

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
747	620710	5220143	21	NAD27	Beacon Hill	GS-12-210	GS-12-21000002.asd.sco	Kaolinite-WX	0.801	Alunite-K	0.199	153.15
748	620743	5220006	21	NAD27	Beacon Hill	GS-12-211	GS-12-21100001.asd.sco	Pyrophyllite	0.66	Muscovite	0.34	658.93
749	620743	5220006	21	NAD27	Beacon Hill	GS-12-211	GS-12-21100002.asd.sco	Pyrophyllite	1	NULL	NULL	214.62
750	620695	5219966	21	NAD27	Beacon Hill	GS-12-212	GS-12-21200001.asd.sco	Dickite	0.568	Pyrophyllite	0.432	64.176
751	619812	5220198	21	NAD27	Beacon Hill	GS-12-213	GS-12-21300001.asd.sco	Chlorite-FeMg	0.764	Muscovite	0.236	96.149
752	619812	5220198	21	NAD27	Beacon Hill	GS-12-214	GS-12-21400001.asd.sco	Chlorite-FeMg	0.567	Muscovite	0.433	60.125
753	619767	5220011	21	NAD27	Beacon Hill	GS-12-215	GS-12-21500001.asd.sco	Chlorite-FeMg	0.844	Muscovite	0.156	111.95
754	619783	5220071	21	NAD27	Beacon Hill	GS-12-216	GS-12-21600001.asd.sco	Paragoniticillite	1	NULL	NULL	91.788
755	692505	5285948	21	NAD27	Tower	GS-12-217	GS-12-21700001.asd.sco	Phengite	1	NULL	NULL	201.74
756	692511	5285944	21	NAD27	Tower	GS-12-218	GS-12-21800001.asd.sco	Phengite	1	NULL	NULL	206.87
757	692539	5286044	21	NAD27	Tower	GS-12-219	GS-12-21900001.asd.sco	Phengite	0.822	Epidote	0.178	263.32
758	692506	5286058	21	NAD27	Tower	GS-12-220	GS-12-22000001.asd.sco	Phengite	1	NULL	NULL	301.82
759	692510	5286126	21	NAD27	Tower	GS-12-221	GS-12-22100001.asd.sco	Phengite	1	NULL	NULL	264.15
760	692536	5286330	21	NAD27	Tower	GS-12-222	GS-12-22200001.asd.sco	Muscovite	0.584	Chlorite-FeMg	0.416	45.194
761	692741	5286305	21	NAD27	Tower	GS-12-223	GS-12-22300001.asd.sco	Muscovite	1	NULL	NULL	170.12
762	692865	5286387	21	NAD27	Tower	GS-12-224	GS-12-22400001.asd.sco	Phengite	0.827	Epidote	0.173	315.98
763	658073	5256251	21	NAD27	Stewart	GS-12-225	GS-12-22500001.asd.sco	Muscovite	1	NULL	NULL	95.48
764	657429	5256200	21	NAD27	Stewart	GS-12-226	GS-12-22600001.asd.sco	Paragonite	0.579	Kaolinite-WX	0.421	66.658
765	657426	5256201	21	NAD27	Stewart	GS-12-227	GS-12-22700001.asd.sco	Paragonite	0.525	Chlorite-Fe	0.475	203.24
766	657297	5256199	21	NAD27	Stewart	GS-12-228	GS-12-22800001.asd.sco	Phengite	1	NULL	NULL	181.37
767	657124	5256218	21	NAD27	Stewart	GS-12-229	GS-12-22900001.asd.sco	Phengite	0.542	Chlorite-FeMg	0.458	102.39
768	650442	5254001	21	NAD27	Stewart	GS-12-230	GS-12-23000001.asd.sco	Pyrophyllite	0.732	Alunite-Na	0.268	89.027
769	649619	5253079	21	NAD27	Stewart	GS-12-231	GS-12-23100001.asd.sco	Paragoniticillite	1	NULL	NULL	312.91
770	658990	5283672	21	NAD27	Goldhammer	GS-12-232	GS-12-23200001.asd.sco	Muscovite	1	NULL	NULL	114.75
771	658990	5283672	21	NAD27	Goldhammer	GS-12-232	GS-12-23200002.asd.sco	Muscovite	1	NULL	NULL	111.57
772	659289	5283507	21	NAD27	Goldhammer	GS-12-233	GS-12-23300001.asd.sco	Phengite	1	NULL	NULL	51.143
773	659289	5283507	21	NAD27	Goldhammer	GS-12-234	GS-12-23400001.asd.sco	Phengite	1	NULL	NULL	59.794
774	659289	5283507	21	NAD27	Goldhammer	GS-12-234	GS-12-23400002.asd.sco	Phengite	1	NULL	NULL	51.481
775	659289	5283507	21	NAD27	Goldhammer	GS-12-235	GS-12-23500001.asd.sco	Phengite	1	NULL	NULL	66.819
776	659289	5283507	21	NAD27	Goldhammer	GS-12-235	GS-12-23500002.asd.sco	Phengite	1	NULL	NULL	97.599
778	658244	5283278	21	NAD27	Goldhammer	GS-12-237	GS-12-23700001.asd.sco	Muscovite	1	NULL	NULL	121.68
780	658260	5283241	21	NAD27	Goldhammer	GS-12-239	GS-12-23900001.asd.sco	Muscovite	0.551	Magnesite	0.449	92.929
782	658495	5283775	21	NAD27	Goldhammer	GS-12-240	GS-12-24000001.asd.sco	Phengite	1	NULL	NULL	151.19
783	658143	5283842	21	NAD27	Goldhammer	GS-12-241	GS-12-24100001.asd.sco	Muscovite	1	NULL	NULL	26.759
785	658075	5283539	21	NAD27	Goldhammer	GS-12-242	GS-12-242b00001.asd.sco	Muscovite	1	NULL	NULL	754.01
787	658087	5283539	21	NAD27	Goldhammer	GS-12-243	GS-12-24300001.asd.sco	Muscovite	1	NULL	NULL	358.79
788	658089	5283537	21	NAD27	Goldhammer	GS-12-244	GS-12-24400001.asd.sco	Muscovite	1	NULL	NULL	86.336
789	658089	5283537	21	NAD27	Goldhammer	GS-12-244	GS-12-24400002.asd.sco	Muscovite	1	NULL	NULL	135.34
790	657974	5283292	21	NAD27	Goldhammer	GS-12-245	GS-12-24500001.asd.sco	Muscovite	1	NULL	NULL	46.774
791	657992	5283054	21	NAD27	Goldhammer	GS-12-246	GS-12-24600001.asd.sco	Muscovite	1	NULL	NULL	87.762
792	657860	5282925	21	NAD27	Goldhammer	GS-12-247	GS-12-24700001.asd.sco	Muscovite	1	NULL	NULL	178.53
793	657634	5282908	21	NAD27	Goldhammer	GS-12-248	GS-12-24800001.asd.sco	Pyrophyllite	0.682	Paragonite	0.318	87.38
794	657634	5282908	21	NAD27	Goldhammer	GS-12-248	GS-12-24800002.asd.sco	Pyrophyllite	0.707	Paragonite	0.293	72.409
795	657559	5282989	21	NAD27	Goldhammer	GS-12-249	GS-12-24900001.asd.sco	Chlorite-Fe	1	NULL	NULL	200.96

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
796	657559	5282989	21	NAD27	Goldhammer	GS-12-249	GS-12-24900002.asd.sco	Muscovite	1	NULL	NULL	155.03
797	653014	5254044	21	NAD27	Stewart	GS-12-250	GS-12-25000001.asd.sco	Chlorite-FeMg	0.536	Epidote	0.464	80.325
798	653125	5254029	21	NAD27	Stewart	GS-12-251	GS-12-25100001.asd.sco	Phengite	1	NULL	NULL	99.433
799	652632	5253911	21	NAD27	Stewart	GS-12-252	GS-12-25200001.asd.sco	Chlorite-FeMg	0.846	Epidote	0.154	104.01
800	651191	5254184	21	NAD27	Stewart	GS-12-253	GS-12-25300001.asd.sco	Phengite	0.723	Epidote	0.277	146.31
801	651311	5253887	21	NAD27	Stewart	GS-12-254	GS-12-25400001.asd.sco	Chlorite-Mg	0.651	Epidote	0.349	57.056
802	651341	5253898	21	NAD27	Stewart	GS-12-255	GS-12-25500001.asd.sco	Phengite	0.543	Epidote	0.457	224.36
803	651341	5253898	21	NAD27	Stewart	GS-12-255	GS-12-25500002.asd.sco	Epidote	0.568	Phengite	0.432	141.38
804	651620	5253601	21	NAD27	Stewart	GS-12-256	GS-12-25600001.asd.sco	Chlorite-FeMg	1	NULL	NULL	135.43
805	651197	5253697	21	NAD27	Stewart	GS-12-257	GS-12-25700001.asd.sco	Chlorite-Mg	0.794	Epidote	0.206	377.08
806	651197	5253697	21	NAD27	Stewart	GS-12-257	GS-12-25700002.asd.sco	Chlorite-Mg	0.596	Epidote	0.404	447.78
807	649092	5253122	21	NAD27	Stewart	GS-12-258	GS-12-25800001.asd.sco	Phengiticillite	1	NULL	NULL	168.97
808	649059	5252788	21	NAD27	Stewart	GS-12-259	GS-12-25900001.asd.sco	Phengite	1	NULL	NULL	245.19
809	649064	5252710	21	NAD27	Stewart	GS-12-260	GS-12-26000001.asd.sco	Phengite	0.84	Ankerite	0.16	231.93
810	649063	5252712	21	NAD27	Stewart	GS-12-261	GS-12-26100001.asd.sco	Muscovite	1	NULL	NULL	93.743
811	649051	5252669	21	NAD27	Stewart	GS-12-262	GS-12-26200001.asd.sco	Muscovite	1	NULL	NULL	122.88
812	649063	5252620	21	NAD27	Stewart	GS-12-263	GS-12-26300001.asd.sco	Muscovite	1	NULL	NULL	94.171
813	649063	5252620	21	NAD27	Stewart	GS-12-263	GS-12-26300002.asd.sco	Muscovite	1	NULL	NULL	792.08
814	649057	5252565	21	NAD27	Stewart	GS-12-264	GS-12-26400001.asd.sco	Muscovite	1	NULL	NULL	141.79
815	649092	5252671	21	NAD27	Stewart	GS-12-265	GS-12-26500001.asd.sco	Phengite	1	NULL	NULL	109.32
816	649152	5252317	21	NAD27	Stewart	GS-12-266	GS-12-26600001.asd.sco	Phengite	0.536	Chlorite-FeMg	0.464	240.81
817	649110	5251749	21	NAD27	Stewart	GS-12-267	GS-12-26700001.asd.sco	Chlorite-Mg	0.765	Epidote	0.235	103
818	649133	5251369	21	NAD27	Stewart	GS-12-268	GS-12-26800001.asd.sco	Phengite	0.689	Epidote	0.311	94.912
819	649257	5252079	21	NAD27	Stewart	GS-12-269	GS-12-26900001.asd.sco	Phengite	0.803	Chlorite-FeMg	0.197	120.7
820	649370	5252121	21	NAD27	Stewart	GS-12-270	GS-12-27000001.asd.sco	Epidote	0.657	Phengite	0.343	141.83
821	649370	5252124	21	NAD27	Stewart	GS-12-271	GS-12-27100001.asd.sco	Epidote	1	NULL	NULL	117.37
822	649370	5252124	21	NAD27	Stewart	GS-12-271	GS-12-271B00001.asd.sco	Chlorite-FeMg	0.564	Epidote	0.436	136.69
823	649370	5252124	21	NAD27	Stewart	GS-12-271	GS-12-271B00002.asd.sco	Epidote	1	NULL	NULL	93.378
824	652653	5254451	21	NAD27	Stewart	GS-12-272	GS-12-27200001.asd.sco	Chlorite-FeMg	0.671	Epidote	0.329	73.271
825	652856	5254748	21	NAD27	Stewart	GS-12-273	GS-12-27300001.asd.sco	Phengite	0.614	Epidote	0.386	161.78
826	652854	5254747	21	NAD27	Stewart	GS-12-274	GS-12-27400001.asd.sco	Epidote	0.651	Phengite	0.349	151.76
827	653225	5254749	21	NAD27	Stewart	GS-12-275	GS-12-27500001.asd.sco	Chlorite-FeMg	0.606	Phengite	0.394	145.67
828	653774	5254994	21	NAD27	Stewart	GS-12-276	GS-12-27600001.asd.sco	Chlorite-FeMg	0.698	Muscovite	0.302	218.92
829	653773	5254992	21	NAD27	Stewart	GS-12-277	GS-12-27700001.asd.sco	Paragonite	0.745	Montmorillonite	0.255	145.62
830	653772	5254991	21	NAD27	Stewart	GS-12-278	GS-12-27800001.asd.sco	Muscovite	1	NULL	NULL	147.17
831	653723	5254995	21	NAD27	Stewart	GS-12-279	GS-12-27900001.asd.sco	Chlorite-FeMg	0.533	Phengite	0.467	141.73
833	653569	5255053	21	NAD27	Stewart	GS-12-281	GS-12-28100001.asd.sco	Chlorite-FeMg	0.648	Muscovite	0.352	76.385
834	653466	5255059	21	NAD27	Stewart	GS-12-282	GS-12-28200001.asd.sco	Pyrophyllite	1	NULL	NULL	145.3
835	653177	5255039	21	NAD27	Stewart	GS-12-283	GS-12-28300001.asd.sco	Phengite	1	NULL	NULL	169.65
836	653049	5255038	21	NAD27	Stewart	GS-12-284	GS-12-28400001.asd.sco	Chlorite-FeMg	0.683	Phengite	0.317	157.74
837	652854	5255145	21	NAD27	Stewart	GS-12-285	GS-12-28500001.asd.sco	Phengite	0.602	Epidote	0.398	128
838	652879	5255565	21	NAD27	Stewart	GS-12-286	GS-12-28600001.asd.sco	Phengite	0.735	Ankerite	0.265	164.84
839	652643	5255709	21	NAD27	Stewart	GS-12-287	GS-12-28700001.asd.sco	Chlorite-FeMg	0.764	Epidote	0.236	99.695
840	652601	5255888	21	NAD27	Stewart	GS-12-288	GS-12-28800001.asd.sco	Chlorite-FeMg	0.557	Phengite	0.443	151.21

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
841	652384	5255935	21	NAD27	Stewart	GS-12-289	GS-12-28900001.asd.sco	Chlorite-FeMg	0.654	Muscovite	0.346	169.02
842	653479	5255197	21	NAD27	Stewart	GS-12-290	GS-12-29000001.asd.sco	Chlorite-FeMg	0.677	Epidote	0.323	126.69
843	653757	5255182	21	NAD27	Stewart	GS-12-291	GS-12-29100001.asd.sco	Phengite	0.75	Epidote	0.25	226.99
844	653780	5255157	21	NAD27	Stewart	GS-12-292	GS-12-29200001.asd.sco	Phengite	1	NULL	NULL	221.04
845	653859	5255124	21	NAD27	Stewart	GS-12-293	GS-12-29300001.asd.sco	Muscovite	1	NULL	NULL	361.14
846	654119	5255216	21	NAD27	Stewart	GS-12-294	GS-12-29400001.asd.sco	Chlorite-FeMg	0.595	Epidote	0.405	77.786
847	654088	5255656	21	NAD27	Stewart	GS-12-295	GS-12-29500001.asd.sco	Chlorite-FeMg	0.684	Phengite	0.316	241.53
848	654088	5255656	21	NAD27	Stewart	GS-12-295	GS-12-29500002.asd.sco	Prehnite	1	NULL	NULL	295.24
849	653884	5256014	21	NAD27	Stewart	GS-12-296	GS-12-29600001.asd.sco	Chlorite-Fe	0.651	Epidote	0.349	113.61
850	653705	5256307	21	NAD27	Stewart	GS-12-297	GS-12-29700001.asd.sco	Phengite	1	NULL	NULL	133.31
851	653378	5256205	21	NAD27	Stewart	GS-12-298	GS-12-29800001.asd.sco	Phengite	1	NULL	NULL	54.159
852	653369	5256203	21	NAD27	Stewart	GS-12-299	GS-12-29900001.asd.sco	Chlorite-FeMg	0.648	Phengite	0.352	83.258
853	653299	5256024	21	NAD27	Stewart	GS-12-300	GS-12-30000001.asd.sco	Epidote	0.513	Chlorite-FeMg	0.487	144.47
854	653209	5255842	21	NAD27	Stewart	GS-12-301	GS-12-30100001.asd.sco	Chlorite-FeMg	0.517	Epidote	0.483	122.97
855	653195	5255618	21	NAD27	Stewart	GS-12-302	GS-12-30200001.asd.sco	Chlorite-FeMg	0.841	Epidote	0.159	82.715
856	654576	5255205	21	NAD27	Stewart	GS-12-303	GS-12-30300001.asd.sco	Phengite	0.636	Epidote	0.364	167.47
857	654494	5255286	21	NAD27	Stewart	GS-12-304	GS-12-30400001.asd.sco	Chlorite-FeMg	0.732	Epidote	0.268	86.127
858	654297	5255723	21	NAD27	Stewart	GS-12-305	GS-12-30500001.asd.sco	Chlorite-FeMg	0.683	Epidote	0.317	125.71
859	654279	5255735	21	NAD27	Stewart	GS-12-306	GS-12-30600001.asd.sco	Phengiticillite	1	NULL	NULL	153.27
860	654278	5255734	21	NAD27	Stewart	GS-12-307	GS-12-30700001.asd.sco	Phengite	0.766	Ankerite	0.234	201.4
861	654328	5255897	21	NAD27	Stewart	GS-12-308	GS-12-30800001.asd.sco	Paragonite	0.766	Montmorillonite	0.234	151.36
862	654330	5255901	21	NAD27	Stewart	GS-12-309	GS-12-30900001.asd.sco	Paragonite	0.765	Montmorillonite	0.235	165.59
863	654331	5255903	21	NAD27	Stewart	GS-12-310	GS-12-31000001.asd.sco	Chlorite-FeMg	0.693	Muscovite	0.307	245.19
864	654321	5255950	21	NAD27	Stewart	GS-12-311	GS-12-31100001.asd.sco	Chlorite-FeMg	0.722	Phengite	0.278	195.37
865	654326	5256059	21	NAD27	Stewart	GS-12-312	GS-12-31200001.asd.sco	Chlorite-FeMg	0.705	Muscovite	0.295	172.32
866	654208	5256116	21	NAD27	Stewart	GS-12-313	GS-12-31300001.asd.sco	Epidote	1	NULL	NULL	89.666
867	654594	5256173	21	NAD27	Stewart	GS-12-314	GS-12-31400001.asd.sco	Chlorite-FeMg	0.798	Epidote	0.202	58.398
868	654595	5256160	21	NAD27	Stewart	GS-12-315	GS-12-31500001.asd.sco	Muscovite	1	NULL	NULL	102.9
869	654772	5255892	21	NAD27	Stewart	GS-12-316	GS-12-31600001.asd.sco	Chlorite-FeMg	0.671	Epidote	0.329	98.72
871	645344	5272217	21	NAD27	Long Harbour	GS-12-317	GS-12-31700002.asd.sco	Kaolinite-WX	1	NULL	NULL	238.71
877	645313	5272252	21	NAD27	Long Harbour	GS-12-320	GS-12-32000001.asd.sco	Muscovite	1	NULL	NULL	155.45
878	645313	5272252	21	NAD27	Long Harbour	GS-12-320	GS-12-32000002.asd.sco	Phengite	0.621	Magnesite	0.379	101.13
879	645313	5272252	21	NAD27	Long Harbour	GS-12-320	GS-12-32000003.asd.sco	Phengite	0.742	Magnesite	0.258	80.109
880	645298	5272272	21	NAD27	Long Harbour	GS-12-321	GS-12-32100001.asd.sco	Phengite	0.728	Ankerite	0.272	204.54
881	645298	5272272	21	NAD27	Long Harbour	GS-12-321	GS-12-32100002.asd.sco	Phengite	0.744	Ankerite	0.256	189.97
882	645298	5272272	21	NAD27	Long Harbour	GS-12-321	GS-12-32100003.asd.sco	Muscovite	0.506	Siderite	0.494	133.48
883	645295	5272273	21	NAD27	Long Harbour	GS-12-322	GS-12-32200001.asd.sco	Kaolinite-WX	0.783	Dickite	0.217	41.325
884	645295	5272273	21	NAD27	Long Harbour	GS-12-322	GS-12-32200002.asd.sco	Muscovite	1	NULL	NULL	79.747
885	645293	5272280	21	NAD27	Long Harbour	GS-12-323	GS-12-32300001.asd.sco	Kaolinite-PX	1	NULL	NULL	90.71
886	645293	5272280	21	NAD27	Long Harbour	GS-12-323	GS-12-32300002.asd.sco	Muscovite	0.669	Dickite	0.331	66.618
887	645292	5272284	21	NAD27	Long Harbour	GS-12-324	GS-12-32400001.asd.sco	Siderite	0.556	Muscovite	0.444	50.09
889	645289	5272287	21	NAD27	Long Harbour	GS-12-325	GS-12-32500001.asd.sco	Muscovite	1	NULL	NULL	64.294
891	645272	5272241	21	NAD27	Long Harbour	GS-12-326	GS-12-32600001.asd.sco	Phengite	0.673	Magnesite	0.327	55.428
893	655262	5256094	21	NAD27	Stewart	GS-12-327	GS-12-32700001.asd.sco	Chlorite-FeMg	0.697	Phengite	0.303	175.06

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
894	655195	5256189	21	NAD27	Stewart	GS-12-328	GS-12-32800001.asd.sco	Chlorite-FeMg	0.734	Epidote	0.266	84.909
895	655199	5256235	21	NAD27	Stewart	GS-12-329	GS-12-32900001.asd.sco	Chlorite-FeMg	0.567	Phengite	0.433	226.91
896	655169	5255924	21	NAD27	Stewart	GS-12-330	GS-12-33000001.asd.sco	Phengite	0.688	Epidote	0.312	211.35
897	655266	5255943	21	NAD27	Stewart	GS-12-331	GS-12-33100001.asd.sco	Phengite	0.535	Epidote	0.465	206.14
898	655014	5255799	21	NAD27	Stewart	GS-12-332	GS-12-33200001.asd.sco	Epidote	0.572	Phengite	0.428	177.51
899	654929	5255615	21	NAD27	Stewart	GS-12-333	GS-12-33300001.asd.sco	Chlorite-FeMg	0.809	Phengite	0.191	103.85
900	654359	5254814	21	NAD27	Stewart	GS-12-334	GS-12-33400001.asd.sco	Chlorite-Fe	1	NULL	NULL	366.09
901	600924	5192607	21	NAD27	Lord's Cove	GS-12-335	GS-12-33500001.asd.sco	Phengite	1	NULL	NULL	114.23
902	601546	5192506	21	NAD27	Lord's Cove	GS-12-336	GS-12-33600001.asd.sco	Phengiticillite	1	NULL	NULL	160.89
903	688769	5281244	21	NAD27	Heffern Pond	GS-12-337	GS-12-33700001.asd.sco	Muscovite	1	NULL	NULL	48.014
904	688746	5281226	21	NAD27	Heffern Pond	GS-12-338	GS-12-33800001.asd.sco	Phengite	1	NULL	NULL	227.5
905	688708	5281244	21	NAD27	Heffern Pond	GS-12-339	GS-12-33900001.asd.sco	Chlorite-FeMg	0.839	Epidote	0.161	83.356
906	688752	5281149	21	NAD27	Heffern Pond	GS-12-340	GS-12-34000001.asd.sco	Muscovite	0.619	Chlorite-FeMg	0.381	153.77
907	688738	5281096	21	NAD27	Heffern Pond	GS-12-341	GS-12-34100001.asd.sco	Muscovite	1	NULL	NULL	142.36
908	688697	5281071	21	NAD27	Heffern Pond	GS-12-342	GS-12-34200001.asd.sco	Chlorite-FeMg	0.718	Muscovite	0.282	128.45
909	688739	5281079	21	NAD27	Heffern Pond	GS-12-343	GS-12-34300001.asd.sco	Muscovite	1	NULL	NULL	186.86
910	688955	5281287	21	NAD27	Heffern Pond	GS-12-344	GS-12-34400001.asd.sco	Muscovite	1	NULL	NULL	106.56
911	680971	5269189	21	NAD27	Cape Rodgers	GS-12-345	GS-12-34500001.asd.sco	Phengite	1	NULL	NULL	84.904
912	680986	5269208	21	NAD27	Cape Rodgers	GS-12-346	GS-12-34600001.asd.sco	Phengite	1	NULL	NULL	39.594
913	681057	5269313	21	NAD27	Cape Rodgers	GS-12-347	GS-12-34700001.asd.sco	Phengite	0.803	Ankerite	0.197	129.32
914	681141	5269336	21	NAD27	Cape Rodgers	GS-12-348	GS-12-34800001.asd.sco	Chlorite-FeMg	0.653	Epidote	0.347	79.013
915	681171	5269351	21	NAD27	Cape Rodgers	GS-12-349	GS-12-34900001.asd.sco	Phengite	1	NULL	NULL	132.16
916	681210	5269335	21	NAD27	Cape Rodgers	GS-12-350	GS-12-35000001.asd.sco	Muscovite	1	NULL	NULL	101.63
917	681191	5269315	21	NAD27	Cape Rodgers	GS-12-351	GS-12-35100001.asd.sco	Phengite	1	NULL	NULL	67.015
918	681058	5269024	21	NAD27	Cape Rodgers	GS-12-352	GS-12-35200001.asd.sco	Phengite	1	NULL	NULL	49.607
919	679114	5265395	21	NAD27	Cape Rodgers	GS-12-353	GS-12-35300001.asd.sco	Phengite	1	NULL	NULL	66.149
920	679076	5265343	21	NAD27	Cape Rodgers	GS-12-354	GS-12-35400001.asd.sco	Phengite	1	NULL	NULL	47
921	636428	5248093	21	NAD27	Point Rosie	GS-12-355	GS-12-35500001.asd.sco	Muscovite	1	NULL	NULL	21.778
922	636426	5248088	21	NAD27	Point Rosie	GS-12-356	GS-12-35600001.asd.sco	Muscovite	1	NULL	NULL	24.42
923	636428	5248089	21	NAD27	Point Rosie	GS-12-357	GS-12-35700001.asd.sco	Muscovite	1	NULL	NULL	29.059
924	636424	5248085	21	NAD27	Point Rosie	GS-12-358	GS-12-35800001.asd.sco	Phengite	1	NULL	NULL	121.9
925	636839	5248237	21	NAD27	Point Rosie	GS-12-359	GS-12-35900001.asd.sco	Muscovite	1	NULL	NULL	53.21
926	735103	5406576	21	NAD27	Hail Island	GS-12-360	GS-12-36000001.asd.sco	Phengite	1	NULL	NULL	88.205
927	735102	5406574	21	NAD27	Hail Island	GS-12-361	GS-12-36100001.asd.sco	Phengite	0.653	Chlorite-FeMg	0.347	168.23
928	735102	5406574	21	NAD27	Hail Island	GS-12-361	GS-12-36100001.asd.sco	Chlorite-FeMg	0.617	Phengite	0.383	73.859
929	735155	5406593	21	NAD27	Hail Island	GS-12-362	GS-12-36200001.asd.sco	Phengite	1	NULL	NULL	136.01
931	735421	5407265	21	NAD27	Varket Channel	GS-12-364	GS-12-36400001.asd.sco	Phengite	1	NULL	NULL	188.98
932	735419	5407264	21	NAD27	Varket Channel	GS-12-365	GS-12-36500001.asd.sco	Phengite	1	NULL	NULL	61.013
934	735420	5407264	21	NAD27	Varket Channel	GS-12-366	GS-12-36600001.asd.sco	Phengite	1	NULL	NULL	16.767
936	735542	5407690	21	NAD27	Coal Island	GS-12-367	GS-12-36700001.asd.sco	Phengite	1	NULL	NULL	200.53
937	735513	5407667	21	NAD27	Coal Island	GS-12-368	GS-12-36800001.asd.sco	Phengite	0.698	Chlorite-FeMg	0.302	145.79
938	741247	5418496	21	NAD27	Pit Sound Island	GS-12-369	GS-12-36900001.asd.sco	Chlorite-FeMg	1	NULL	NULL	141.35
939	741247	5418498	21	NAD27	Pit Sound Island	GS-12-370	GS-12-37000001.asd.sco	Calcite	0.796	Epidote	0.204	45.331
940	740425	5415761	21	NAD27	Tumbler Island	GS-12-371	GS-12-37100001.asd.sco	Chlorite-FeMg	0.527	Phengite	0.473	364.14

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
941	740425	5415761	21	NAD27	Tumbler Island	GS-12-371	GS-12-37100002.asd.sco	Phengite	1	NULL	NULL	448.06
942	740296	5415630	21	NAD27	Tumbler Island	GS-12-372	GS-12-37200001.asd.sco	Calcite	1	NULL	NULL	57.407
943	740296	5415630	21	NAD27	Tumbler Island	GS-12-372	GS-12-37200002.asd.sco	Calcite	0.759	Muscovite	0.241	37.227
944	740298	5415628	21	NAD27	Tumbler Island	GS-12-373	GS-12-37300001.asd.sco	Phengite	1	NULL	NULL	276.25
945	740298	5415628	21	NAD27	Tumbler Island	GS-12-373	GS-12-37300002.asd.sco	Calcite	1	NULL	NULL	52.05
946	737899	5411614	21	NAD27	Tumbler Island	GS-12-374	GS-12-37400001.asd.sco	Chlorite-FeMg	0.614	Paragonite	0.386	214.41
947	737898	5411613	21	NAD27	Tumbler Island	GS-12-375	GS-12-37500001.asd.sco	Chlorite-Fe	0.519	Paragonite	0.481	227.79
948	737908	5411657	21	NAD27	Tumbler Island	GS-12-376	GS-12-37600001.asd.sco	Chlorite-FeMg	0.662	Muscovite	0.338	206.45
950	730351	5400085	21	NAD27	Fair & False Bay	GS-12-378	GS-12-37800001.asd.sco	Chlorite-FeMg	1	NULL	NULL	113.29
952	730271	5400135	21	NAD27	Fair & False Bay	GS-12-381	GS-12-38100001.asd.sco	Phengite	0.6	Chlorite-FeMg	0.4	106.41
953	730080	5400689	21	NAD27	Fair & False Bay	GS-12-382	GS-12-38200001.asd.sco	Muscovite	0.781	Gypsum	0.219	107.63
954	730126	5400718	21	NAD27	Fair & False Bay	GS-12-383	GS-12-38300001.asd.sco	Muscovite	1	NULL	NULL	39.663
955	671813	5287658	21	NAD27	Owls Lookout	GS-12-384	GS-12-38400001.asd.sco	Muscovite	0.685	Epidote	0.315	238.94
956	710268	5348862	21	NAD27	Big Easy	GS-13-13	GS-13-1300001.asd.sco	Phengite	1	NULL	NULL	88.114
957	710343	5348682	21	NAD27	Big Easy	GS-13-14	GS-13-1400001.asd.sco	Phengite	1	NULL	NULL	237.65
958	716459	5401260	21	NAD27	Calvin's Landing	HS09-83	HS09-83.asd.sco	Muscovite	0.622	Chlorite-FeMg	0.378	150.91
959	716430	5401236	21	NAD27	Calvin's Landing	HS09-84	HS09-84.asd.sco	Muscovite	0.562	Chlorite-Fe	0.438	315.55
960	716373	5400948	21	NAD27	Calvin's Landing	HS09-85A	HS09-85Aa.asd.sco	Dickite	0.628	Alunite-Na	0.372	252.97
961	716373	5400948	21	NAD27	Calvin's Landing	HS09-85A	HS09-85Ab.asd.sco	Alunite-Na	1	NULL	NULL	87.429
962	716373	5400948	21	NAD27	Calvin's Landing	HS09-85A	HS09-85Ac.asd.sco	Dickite	0.552	Alunite-Na	0.448	89.332
963	716373	5400948	21	NAD27	Calvin's Landing	HS09-85B	HS09-85Ba.asd.sco	Dickite	0.558	Pyrophyllite	0.442	20.946
964	716373	5400948	21	NAD27	Calvin's Landing	HS09-85B	HS09-85Bb.asd.sco	Pyrophyllite	0.659	Dickite	0.341	168.21
965	713546	5399151	21	NAD27	Calvin's Landing	HS09-86	HS09-86.asd.sco	Phengite	0.726	Phlogopite	0.274	373.29
966	716306	5400977	21	NAD27	Calvin's Landing	HS09-88	HS09-88.asd.sco	Muscovite	1	NULL	NULL	264.02
967	716377	5400853	21	NAD27	Calvin's Landing	HS09-89A	HS09-89A.asd.sco	Dickite	0.561	Pyrophyllite	0.439	42.864
968	716370	5400854	21	NAD27	Calvin's Landing	HS09-89C	HS09-89C.asd.sco	Pyrophyllite	0.586	Dickite	0.414	17.92
969	716366	5400903	21	NAD27	Calvin's Landing	HS09-90A	HS09-90A.asd.sco	Alunite-K	0.661	Dickite	0.339	49.646
970	716364	5400900	21	NAD27	Calvin's Landing	HS09-90B	HS09-90B.asd.sco	Pyrophyllite	0.642	Muscovite	0.358	48.061
971	716403	5401011	21	NAD27	Calvin's Landing	HS09-91	HS09-91.asd.sco	Muscovite	1	NULL	NULL	84.77
972	661564	5257444	21	NAD27	Rattle Brook	HS09-95A	HS09-95A.asd.sco	Alunite-Na	1	NULL	NULL	123.18
973	661564	5257444	21	NAD27	Rattle Brook	HS09-95B	HS09-95Ba.asd.sco	Pyrophyllite	0.636	Dickite	0.364	96.228
974	661564	5257444	21	NAD27	Rattle Brook	HS09-95B	HS09-95Bb.asd.sco	Pyrophyllite	0.778	Dickite	0.222	84.161
975	661564	5257444	21	NAD27	Rattle Brook	HS09-95D	HS09-95Da.asd.sco	Muscovite	0.509	Siderite	0.491	133.16
976	661564	5257444	21	NAD27	Rattle Brook	HS09-95D	HS09-95Db.asd.sco	Muscovite	1	NULL	NULL	94.446
977	661457	5257459	21	NAD27	Rattle Brook	HS09-96A	HS09-96Aa.asd.sco	Pyrophyllite	0.695	Dickite	0.305	30.548
978	661457	5257459	21	NAD27	Rattle Brook	HS09-96A	HS09-96Ab.asd.sco	Pyrophyllite	1	NULL	NULL	115.12
979	661371	5257445	21	NAD27	Rattle Brook	HS09-097	HS09-97a.asd.sco	Muscovite	1	NULL	NULL	67.013
980	661371	5257445	21	NAD27	Rattle Brook	HS09-097	HS09-97b.asd.sco	Paragonite	0.77	Pyrophyllite	0.23	77.768
981	661058	5257662	21	NAD27	Rattle Brook	HS09-098	HS09-98.asd.sco	Chlorite-FeMg	0.677	Muscovite	0.323	77.584
982	661181	5257664	21	NAD27	Rattle Brook	HS09-099	HS09-99b.asd.sco	Chlorite-Fe	0.797	Pyrophyllite	0.203	442.65
983	661020	5257604	21	NAD27	Rattle Brook	HS09-100A	HS09-100.asd.sco	Dickite	1	NULL	NULL	79.403
984	661020	5257604	21	NAD27	Rattle Brook	HS09-100B	HS09-100B.asd.sco	Muscovite	0.665	Pyrophyllite	0.335	222.38
985	661020	5257604	21	NAD27	Rattle Brook	HS09-103A	HS09-103A.asd.sco	Muscovite	1	NULL	NULL	246.91
986	661475	5257302	21	NAD27	Rattle Brook	HS09-104	HS09-104.asd.sco	Pyrophyllite	1	NULL	NULL	113.87

Appendix A – TSG™ Pro spectral interpretation results from outcrop grab samples

ID	UTMEast	UTMNorth	UTMZone	Datum	Prospect	SampleNum	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error
987	661562	5257295	21	NAD27	Rattle Brook	HS09-105	HS09-105.asd.sco	Pyrophyllite	1	NULL	NULL	69.888
988	660470	5256240	21	NAD27	Rattle Brook	HS09-133A	HS09-133a.asd.sco	Phengite	0.805	Epidote	0.195	231.44
989	660470	5256240	21	NAD27	Rattle Brook	HS09-133B	HS09-133b.asd.sco	Chlorite-FeMg	0.683	Phengite	0.317	82.405
990	660928	5256003	21	NAD27	Rattle Brook	HS09-135	HS09-135.asd.sco	Phengite	1	NULL	NULL	206.22
991	661311	5257531	21	NAD27	Rattle Brook	HS09-137	HS09-137.asd.sco	Chlorite-FeMg	0.526	Muscovite	0.474	160.46
992	661123	5257691	21	NAD27	Rattle Brook	HS09-138	HS09-138.asd.sco	Chlorite-Fe	0.515	Paragonite	0.485	221.75
993	660897	5257659	21	NAD27	Rattle Brook	HS09-140	HS09-140.asd.sco	Muscovite	0.528	Chlorite-FeMg	0.472	158.08
994	660761	5257727	21	NAD27	Rattle Brook	HS09-141	HS09-141.asd.sco	Pyrophyllite	0.801	Dickite	0.199	67.741
995	660632	5257750	21	NAD27	Rattle Brook	HS09-142	HS09-142a.asd.sco	Pyrophyllite	1	NULL	NULL	232.86
996	660632	5257750	21	NAD27	Rattle Brook	HS09-142	HS09-142b.asd.sco	Pyrophyllite	1	NULL	NULL	110.85
997	660575	5257609	21	NAD27	Rattle Brook	HS09-143A	HS09-143A.asd.sco	Muscovite	0.846	Pyrophyllite	0.154	216.89
998	660575	5257609	21	NAD27	Rattle Brook	HS09-143B	HS09-143Ba.asd.sco	Muscovite	0.589	Pyrophyllite	0.411	50.173
999	660575	5257609	21	NAD27	Rattle Brook	HS09-143B	HS09-143Bb.asd.sco	Muscovite	0.504	Pyrophyllite	0.496	225.4
1000	660575	5257609	21	NAD27	Rattle Brook	HS09-143C	HS09-143Ca.asd.sco	Pyrophyllite	1	NULL	NULL	77.076
1001	660575	5257609	21	NAD27	Rattle Brook	HS09-143C	HS09-143Cb.asd.sco	Dickite	0.6	Pyrophyllite	0.4	274.86
1002	660616	5257460	21	NAD27	Rattle Brook	HS09-144	HS09-144.asd.sco	Phengite	1	NULL	NULL	280.37
1003	660805	5257263	21	NAD27	Rattle Brook	HS09-145	HS09-145.asd.sco	Phengite	1	NULL	NULL	271.79
1004	661650	5257380	21	NAD27	Rattle Brook	HS09-159A	HS09-159A.asd.sco	Chlorite-FeMg	0.689	Phengite	0.311	218.76
1005	661650	5257380	21	NAD27	Rattle Brook	HS09-159B	HS09-159B.asd.sco	Chlorite-FeMg	0.559	Epidote	0.441	89.122
1006	661604	5257414	21	NAD27	Rattle Brook	HS09-160	HS09-160.asd.sco	Epidote	0.514	Phengite	0.486	199.55
1007	661542	5257548	21	NAD27	Rattle Brook	HS09-161	HS09-161.asd.sco	Siderite	0.63	Muscovite	0.37	86.446
1008	661145	5257214	21	NAD27	Rattle Brook	HS09-163	HS09-163.asd.sco	Phengite	1	NULL	NULL	194.46
1009	660510	5257515	21	NAD27	Rattle Brook	HS09-164A	HS09-164A.asd.sco	Alunite-K	0.566	Kaolinite-WX	0.434	71.6
1010	660510	5257515	21	NAD27	Rattle Brook	HS09-164B	HS09-164Ba.asd.sco	Alunite-K	0.738	Topaz	0.262	302.95
1011	660510	5257515	21	NAD27	Rattle Brook	HS09-164B	HS09-164Bb.asd.sco	Alunite-K	1	NULL	NULL	457.16
1012	660510	5257515	21	NAD27	Rattle Brook	HS09-164C	HS09-164C.asd.sco	Pyrophyllite	0.817	Topaz	0.183	572.55
1013	660410	5257751	21	NAD27	Rattle Brook	HS09-165	HS09-165.asd.sco	Alunite-Na	0.637	Dickite	0.363	330.19
1014	660411	5257848	21	NAD27	Rattle Brook	HS09-166	HS09-166.asd.sco	Chlorite-FeMg	0.642	Phengite	0.358	167.21
1015	661097	5257771	21	NAD27	Rattle Brook	HS09-171	HS09-171a.asd.sco	Epidote	0.716	Calcite	0.284	73.113
1016	661097	5257771	21	NAD27	Rattle Brook	HS09-171	HS09-171b.asd.sco	Chlorite-FeMg	0.503	Epidote	0.497	91.19
1017	661330	5257403	21	NAD27	Rattle Brook	HS09-173	HS09-173.asd.sco	Phengite	0.832	Ankerite	0.168	118.45
1018	661459	5257360	21	NAD27	Rattle Brook	HS09-174	HS09-174.asd.sco	Paragonite	1	NULL	NULL	109.38
1019	661556	5257296	21	NAD27	Rattle Brook	HS09-175A	HS09-175Aa.asd.sco	Pyrophyllite	1	NULL	NULL	122.39
1020	661556	5257296	21	NAD27	Rattle Brook	HS09-175A	HS09-175Ab.asd.sco	Pyrophyllite	1	NULL	NULL	112.74
1021	661556	5257296	21	NAD27	Rattle Brook	HS09-175B	HS09-175Ba.asd.sco	Paragonite	0.572	Kaolinite-WX	0.428	163.03
1022	661556	5257296	21	NAD27	Rattle Brook	HS09-175B	HS09-175Bb.asd.sco	Dickite	0.535	Paragonite	0.465	375.63
1023	661637	5257266	21	NAD27	Rattle Brook	HS09-176	HS09-176.asd.sco	Paragonite	1	NULL	NULL	477.56
1024	661708	5257200	21	NAD27	Rattle Brook	HS09-177	HS09-177a.asd.sco	Phengite	1	NULL	NULL	134.01
1025	661708	5257200	21	NAD27	Rattle Brook	HS09-177	HS09-177b.asd.sco	Phengite	1	NULL	NULL	143.91

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01	1	2.9	11.3	3.6	4.3	7434-90-01-001	Pyrophyllite	0.663	Muscovite	0.337	35.849	core	
Stewart	7434-90-01				4.3	5.0	7434-90-01-002	Pyrophyllite	0.642	Muscovite	0.358	35.476	core	
Stewart	7434-90-01				5.0	5.7	7434-90-01-003	Muscovite	0.655	Pyrophyllite	0.345	67.513	core	
Stewart	7434-90-01				5.7	6.4	7434-90-01-004	Pyrophyllite	0.540	Muscovite	0.460	44.378	core	
Stewart	7434-90-01				6.4	7.1	7434-90-01-005	Muscovite	1.000	NULL	NULL	255.74	core	
Stewart	7434-90-01				7.1	7.8	7434-90-01-006	Pyrophyllite	0.627	Muscovite	0.373	90.051	core	
Stewart	7434-90-01				7.8	8.5	7434-90-01-007	Pyrophyllite	0.602	Muscovite	0.398	57.502	core	
Stewart	7434-90-01				8.5	9.2	7434-90-01-008	Pyrophyllite	0.576	Muscovite	0.424	69.846	core	
Stewart	7434-90-01				9.2	9.9	7434-90-01-009	Muscovite	1.000	NULL	NULL	499.36	core	
Stewart	7434-90-01				9.9	10.6	7434-90-01-010	Pyrophyllite	0.509	Muscovite	0.491	78.734	core	
Stewart	7434-90-01				10.6	11.3	7434-90-01-011	Dickite	0.642	Pyrophyllite	0.358	27.304	qtz vein	
Stewart	7434-90-01				11.3	11.8	7434-90-01-012	Pyrophyllite	0.686	Muscovite	0.314	79.068	core	
Stewart	7434-90-01	2	11.3	17	11.8	12.3	7434-90-01-013	Pyrophyllite	0.625	Muscovite	0.375	97.408	core	
Stewart	7434-90-01				12.3	12.7	7434-90-01-014	Pyrophyllite	0.628	Muscovite	0.372	145.02	core	
Stewart	7434-90-01				12.7	13.2	7434-90-01-015	Pyrophyllite	0.651	Muscovite	0.349	83.477	core	
Stewart	7434-90-01				13.2	13.6	7434-90-01-016	Pyrophyllite	0.632	Muscovite	0.368	72.572	core	
Stewart	7434-90-01				13.6	14.1	7434-90-01-017	Pyrophyllite	0.675	Muscovite	0.325	56.315	core	
Stewart	7434-90-01				14.1	14.5	7434-90-01-018	Pyrophyllite	0.724	Muscovite	0.276	48.908	core	
Stewart	7434-90-01				14.5	15.0	7434-90-01-019	Pyrophyllite	0.703	Muscovite	0.297	53.232	core	
Stewart	7434-90-01				15.0	15.4	7434-90-01-020	Pyrophyllite	0.621	Muscovite	0.379	54.857	core	
Stewart	7434-90-01				15.4	15.8	7434-90-01-021	Pyrophyllite	0.787	Dickite	0.213	57.182	core	
Stewart	7434-90-01				15.8	16.4	7434-90-01-022	Kaolinite-WX	0.643	Paragonite	0.357	221.24	core	
Stewart	7434-90-01				16.4	17.0	7434-90-01-023	Pyrophyllite	0.649	Muscovite	0.351	53.379	core	
Stewart	7434-90-01				17.0	17.5	7434-90-01-024	Pyrophyllite	0.542	Muscovite	0.458	111.06	core	
Stewart	7434-90-01	3	17	22.6	17.5	18.0	7434-90-01-025	Pyrophyllite	0.623	Muscovite	0.377	48.059	core	
Stewart	7434-90-01				18.0	18.4	7434-90-01-026	Diaspore	0.590	Paragonite	0.410	119.26	core	
Stewart	7434-90-01				18.4	18.9	7434-90-01-027	Pyrophyllite	0.592	Muscovite	0.408	122.83	core	
Stewart	7434-90-01				18.9	19.3	7434-90-01-028	Pyrophyllite	0.604	Muscovite	0.396	50.092	core	
Stewart	7434-90-01				19.3	19.8	7434-90-01-029	Muscovite	0.544	Pyrophyllite	0.456	88.823	core	
Stewart	7434-90-01				19.8	20.2	7434-90-01-030	Pyrophyllite	0.720	Muscovite	0.280	45.737	core	
Stewart	7434-90-01				20.2	20.5	7434-90-01-031	Pyrophyllite	0.523	Muscovite	0.477	120.15	core	
Stewart	7434-90-01				20.5	21.0	7434-90-01-032	Pyrophyllite	0.659	Muscovite	0.341	73.317	core	
Stewart	7434-90-01				21.0	21.5	7434-90-01-033	Pyrophyllite	0.618	Muscovite	0.382	45.036	core	
Stewart	7434-90-01				21.5	22.0	7434-90-01-034	Muscovite	0.501	Pyrophyllite	0.499	57.043	core	
Stewart	7434-90-01				22.0	22.5	7434-90-01-035	Pyrophyllite	0.560	Muscovite	0.440	156.09	core	
Stewart	7434-90-01				22.5	23.0	7434-90-01-036	Muscovite	0.502	Pyrophyllite	0.498	141.41	core	
Stewart	7434-90-01	4	22.6	28.4	23.0	23.5	7434-90-01-037	Muscovite	0.583	Pyrophyllite	0.417	99.945	core	
Stewart	7434-90-01				23.5	24.0	7434-90-01-038	Pyrophyllite	0.669	Muscovite	0.331	64.512	core	
Stewart	7434-90-01				24.0	24.5	7434-90-01-039	Muscovite	0.539	Pyrophyllite	0.461	67.682	core	
Stewart	7434-90-01				24.5	25.0	7434-90-01-040	Pyrophyllite	0.613	Muscovite	0.387	55.722	core	
Stewart	7434-90-01				25.0	25.5	7434-90-01-041	Pyrophyllite	0.669	Muscovite	0.331	46.490	core	
Stewart	7434-90-01				25.5	26.0	7434-90-01-042	Pyrophyllite	0.801	Muscovite	0.199	29.878	core	
Stewart	7434-90-01				26.0	26.5	7434-90-01-043	Muscovite	0.734	Pyrophyllite	0.266	367.52	core	
Stewart	7434-90-01				26.5	27.0	7434-90-01-044	Muscovite	1.000	NULL	NULL	940.20	core	
Stewart	7434-90-01				27.0	27.5	7434-90-01-045	Muscovite	0.724	Zoisite	0.276	673.14	core	
Stewart	7434-90-01				27.5	28.0	7434-90-01-046	Muscovite	0.751	Pyrophyllite	0.249	660.95	core	
Stewart	7434-90-01				28.0	28.4	7434-90-01-047	Muscovite	0.651	Pyrophyllite	0.349	318.48	core	
Stewart	7434-90-01				28.4	28.9	7434-90-01-048	Pyrophyllite	0.751	Muscovite	0.249	51.083	core	
Stewart	7434-90-01	5	28.4	35.2	28.9	29.5	7434-90-01-049	Paragonite	0.576	Kaolinite-WX	0.424	118.41	core	
Stewart	7434-90-01				29.5	30.0	7434-90-01-050	Pyrophyllite	0.842	Muscovite	0.158	38.992	core	
Stewart	7434-90-01				30.0	30.6	7434-90-01-051	Muscovite	0.693	Pyrophyllite	0.307	91.836	core	
Stewart	7434-90-01				30.6	31.1	7434-90-01-052	Muscovite	0.818	Pyrophyllite	0.182	97.921	core	
Stewart	7434-90-01				31.1	31.7	7434-90-01-053	Pyrophyllite	0.772	Muscovite	0.228	39.520	core	
Stewart	7434-90-01				31.7	32.2	7434-90-01-054	Pyrophyllite	0.642	Muscovite	0.358	55.967	core	
Stewart	7434-90-01				32.2	32.8	7434-90-01-055	Muscoviticllite	0.719	Pyrophyllite	0.281	198.29	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01				32.8	33.3	7434-90-01-056	Paragonite	0.622	Pyrophyllite	0.378	106.57	core	
Stewart	7434-90-01				33.3	33.9	7434-90-01-057	Muscovite	0.717	Pyrophyllite	0.283	138.09	core	
Stewart	7434-90-01				33.9	34.4	7434-90-01-058	Muscovite	0.703	Pyrophyllite	0.297	76.982	core	
Stewart	7434-90-01				34.4	35.2	7434-90-01-059	Diaspore	0.849	Muscovite	0.151	22.871	core	
Stewart	7434-90-01				35.2	35.7	7434-90-01-060	Pyrophyllite	0.675	Muscovite	0.325	55.686	core	
Stewart	7434-90-01	6	35.2	40.8	35.7	36.2	7434-90-01-061	Muscovite	0.688	Zoisite	0.312	345.33	core	
Stewart	7434-90-01				36.2	36.7	7434-90-01-062	Muscovite	0.823	Pyrophyllite	0.177	311.47	core	
Stewart	7434-90-01				36.7	37.2	7434-90-01-063	Pyrophyllite	0.602	Paragonite	0.398	47.041	core	
Stewart	7434-90-01				37.2	37.7	7434-90-01-064	Pyrophyllite	0.561	Muscovite	0.439	58.014	core	
Stewart	7434-90-01				37.7	38.2	7434-90-01-065	Pyrophyllite	0.636	Muscovite	0.364	38.737	core	
Stewart	7434-90-01				38.2	38.6	7434-90-01-066	Muscovite	0.683	Pyrophyllite	0.317	124.52	core	
Stewart	7434-90-01				38.6	39.1	7434-90-01-067	Pyrophyllite	0.807	Muscovite	0.193	34.465	core	
Stewart	7434-90-01				39.1	39.5	7434-90-01-068	Pyrophyllite	0.705	Muscovite	0.295	42.663	core	
Stewart	7434-90-01				39.5	40.0	7434-90-01-069	Pyrophyllite	0.570	Muscovite	0.430	95.615	gouge	
Stewart	7434-90-01				40.0	40.4	7434-90-01-070	Muscovite	0.776	Pyrophyllite	0.224	92.042	core	
Stewart	7434-90-01				40.4	40.8	7434-90-01-071	Muscovite	0.629	Pyrophyllite	0.371	108.12	core	
Stewart	7434-90-01				40.8	41.3	7434-90-01-072	Muscovite	0.584	Pyrophyllite	0.416	86.150	core	
Stewart	7434-90-01	7	40.8	46.3	41.3	41.8	7434-90-01-073	Muscovite	0.500	Pyrophyllite	0.500	85.379	core	
Stewart	7434-90-01				41.8	42.3	7434-90-01-074	Muscovite	0.823	Pyrophyllite	0.177	114.91	core	
Stewart	7434-90-01				42.3	42.8	7434-90-01-075	Muscovite	0.690	Pyrophyllite	0.310	79.548	core	
Stewart	7434-90-01				42.8	43.3	7434-90-01-076	Pyrophyllite	0.785	Muscovite	0.215	74.997	core	
Stewart	7434-90-01				43.3	43.8	7434-90-01-077	Pyrophyllite	1.000	NULL	NULL	57.522	core	
Stewart	7434-90-01				43.8	44.3	7434-90-01-078	Pyrophyllite	0.672	Muscovite	0.328	56.976	core	
Stewart	7434-90-01				44.3	44.7	7434-90-01-079	Pyrophyllite	0.693	Muscovite	0.307	50.668	core	
Stewart	7434-90-01				44.7	45.1	7434-90-01-080	Pyrophyllite	0.760	Muscovite	0.240	52.080	core	
Stewart	7434-90-01				45.1	45.5	7434-90-01-081	Pyrophyllite	0.516	Muscovite	0.484	47.280	core	
Stewart	7434-90-01				45.5	45.9	7434-90-01-082	Muscovite	0.640	Pyrophyllite	0.360	113.66	core	
Stewart	7434-90-01				45.9	46.3	7434-90-01-083	Muscovite	0.601	Pyrophyllite	0.399	97.321	core	
Stewart	7434-90-01				46.3	46.7	7434-90-01-084	Muscovite	0.676	Pyrophyllite	0.324	176.53	gouge	
Stewart	7434-90-01	8	46.3	53.4	46.7	47.4	7434-90-01-085	Muscovite	0.594	Pyrophyllite	0.406	57.056	gouge	
Stewart	7434-90-01				47.4	48.1	7434-90-01-086	Muscovite	0.674	Pyrophyllite	0.326	93.523	core	
Stewart	7434-90-01				48.1	48.8	7434-90-01-087	Muscovite	0.665	Pyrophyllite	0.335	93.004	core	
Stewart	7434-90-01				48.8	49.5	7434-90-01-088	Muscovite	0.583	Pyrophyllite	0.417	58.270	core	
Stewart	7434-90-01				49.5	50.2	7434-90-01-089	Pyrophyllite	0.625	Dickite	0.375	59.973	gouge	
Stewart	7434-90-01				50.2	50.9	7434-90-01-090	Pyrophyllite	0.721	Muscovite	0.279	35.602	gouge	
Stewart	7434-90-01				50.9	51.4	7434-90-01-091	Muscovite	0.696	Pyrophyllite	0.304	114.76	gouge	
Stewart	7434-90-01				51.4	51.9	7434-90-01-092	Paragonite	0.752	Montmorillonite	0.248	113.99	gouge	
Stewart	7434-90-01				51.9	52.4	7434-90-01-093	Muscoviticllite	0.726	Montmorillonite	0.274	74.520	core	
Stewart	7434-90-01				52.4	52.9	7434-90-01-094	Paragonite	0.699	Montmorillonite	0.301	71.636	core	
Stewart	7434-90-01				52.9	53.4	7434-90-01-095	Paragonite	0.713	Montmorillonite	0.287	67.643	core	
Stewart	7434-90-01				53.4	53.9	7434-90-01-096	Muscovite	1.000	NULL	NULL	106.30	core	
Stewart	7434-90-01		53.4	59.2	53.9	54.4	7434-90-01-097	Paragonite	1.000	NULL	NULL	66.581	core	qtz vein
Stewart	7434-90-01				54.4	54.9	7434-90-01-098	Paragonite	0.716	Montmorillonite	0.284	103.07	core	
Stewart	7434-90-01				54.9	55.4	7434-90-01-099	Muscovite	1.000	NULL	NULL	109.74	core	
Stewart	7434-90-01				55.4	55.9	7434-90-01-100	Muscoviticllite	0.695	Montmorillonite	0.305	57.691	core	
Stewart	7434-90-01				55.9	56.4	7434-90-01-101	Paragonite	0.848	Pyrophyllite	0.152	62.805	core	
Stewart	7434-90-01				56.4	56.9	7434-90-01-102	Muscoviticllite	0.714	Montmorillonite	0.286	77.164	core	
Stewart	7434-90-01				56.9	57.4	7434-90-01-103	Muscoviticllite	0.745	Montmorillonite	0.255	111.90	core	
Stewart	7434-90-01				57.4	57.8	7434-90-01-104	Paragonite	0.575	Chlorite-Fe	0.425	118.79	core	
Stewart	7434-90-01				57.8	58.3	7434-90-01-105	Pyrophyllite	0.508	Muscoviticllite	0.492	54.982	gouge	
Stewart	7434-90-01				58.3	58.7	7434-90-01-106	Muscoviticllite	0.692	Montmorillonite	0.308	38.293	core	
Stewart	7434-90-01				58.7	59.2	7434-90-01-107	Muscovite	1.000	NULL	NULL	67.600	core	
Stewart	7434-90-01				59.2	60.0	7434-90-01-108	Muscoviticllite	0.707	Montmorillonite	0.293	41.765	core	
Stewart	7434-90-01	10	59.2	64.8	60.0	60.5	7434-90-01-109	Muscoviticllite	0.685	Pyrophyllite	0.315	72.879	core	
Stewart	7434-90-01				60.5	60.9	7434-90-01-110	Muscoviticllite	0.713	Montmorillonite	0.287	68.853	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01				60.9	61.4	7434-90-01-111	Muscoviticllite	0.703	Montmorillonite	0.297	39.019	core	
Stewart	7434-90-01				61.4	61.8	7434-90-01-112	Muscoviticllite	0.614	Pyrophyllite	0.386	97.992	core	
Stewart	7434-90-01				61.8	62.3	7434-90-01-113	Paragonite	1.000	NULL	NULL	89.104	core	
Stewart	7434-90-01				62.3	62.7	7434-90-01-114	Muscoviticllite	0.687	Montmorillonite	0.313	33.575	core	
Stewart	7434-90-01				62.7	63.0	7434-90-01-115	Pyrophyllite	0.508	Muscoviticllite	0.492	43.146	gouge	
Stewart	7434-90-01				63.0	63.5	7434-90-01-116	Pyrophyllite	0.668	Muscoviticllite	0.332	58.513	gouge	
Stewart	7434-90-01				63.5	63.9	7434-90-01-117	Paragonite	0.716	Montmorillonite	0.284	38.373	gouge	
Stewart	7434-90-01				63.9	64.4	7434-90-01-118	Muscoviticllite	0.720	Montmorillonite	0.280	94.489	core	
Stewart	7434-90-01				64.4	64.8	7434-90-01-119	Pyrophyllite	0.660	Muscoviticllite	0.340	52.159	gouge	
Stewart	7434-90-01				64.8	65.3	7434-90-01-120	Pyrophyllite	0.756	Muscoviticllite	0.244	28.471	gouge	
Stewart	7434-90-01	11	64.8	71.9	65.3	65.8	7434-90-01-121	Muscoviticllite	0.638	Montmorillonite	0.362	91.102	gouge	
Stewart	7434-90-01				65.8	66.3	7434-90-01-122	Muscoviticllite	0.666	Montmorillonite	0.334	47.222	gouge	
Stewart	7434-90-01				66.3	66.8	7434-90-01-123	Chlorite-Fe	1.000	NULL	NULL	153.14	gouge	qtz vein
Stewart	7434-90-01				66.8	67.3	7434-90-01-124	Chlorite-Fe	0.654	Muscoviticllite	0.346	88.063	core	
Stewart	7434-90-01				67.3	67.8	7434-90-01-125	Muscoviticllite	0.660	Montmorillonite	0.340	102.58	core	
Stewart	7434-90-01				67.8	68.3	7434-90-01-126	Muscoviticllite	0.521	Chlorite-Fe	0.479	122.97	core	
Stewart	7434-90-01				68.3	68.8	7434-90-01-127	Muscovite	1.000	NULL	NULL	101.03	core	
Stewart	7434-90-01				68.8	69.3	7434-90-01-128	Muscovite	1.000	NULL	NULL	75.594	core	
Stewart	7434-90-01				69.3	69.8	7434-90-01-129	Muscovite	1.000	NULL	NULL	104.88	core	
Stewart	7434-90-01				69.8	70.3	7434-90-01-130	Muscovite	1.000	NULL	NULL	116.77	core	
Stewart	7434-90-01				70.3	71.9	7434-90-01-131	Muscovite	1.000	NULL	NULL	63.907	core	
Stewart	7434-90-01				71.9	72.2	7434-90-01-132	Muscovite	1.000	NULL	NULL	223.21	core	
Stewart	7434-90-01	12	71.9	77.7	72.2	72.7	7434-90-01-133	Muscovite	0.611	Chlorite-FeMg	0.389	141.45	core	
Stewart	7434-90-01				72.7	73.2	7434-90-01-134	Muscoviticllite	0.670	Montmorillonite	0.330	96.175	core	
Stewart	7434-90-01				73.2	73.7	7434-90-01-135	Muscovite	1.000	NULL	NULL	182.61	core	
Stewart	7434-90-01				73.7	74.2	7434-90-01-136	Muscovite	1.000	NULL	NULL	119.09	core	
Stewart	7434-90-01				74.2	74.7	7434-90-01-137	Muscovite	1.000	NULL	NULL	75.013	core	
Stewart	7434-90-01				74.7	75.2	7434-90-01-138	Muscovite	1.000	NULL	NULL	120.68	core	
Stewart	7434-90-01				75.2	75.7	7434-90-01-139	Muscovite	1.000	NULL	NULL	102.93	core	
Stewart	7434-90-01				75.7	76.2	7434-90-01-140	Paragonite	0.703	Montmorillonite	0.297	60.891	core	
Stewart	7434-90-01				76.2	76.7	7434-90-01-141	Muscovite	1.000	NULL	NULL	120.86	core	
Stewart	7434-90-01				76.7	77.2	7434-90-01-142	Muscovite	1.000	NULL	NULL	78.869	core	
Stewart	7434-90-01				77.2	77.7	7434-90-01-143	Paragonite	0.725	Montmorillonite	0.275	97.567	core	
Stewart	7434-90-01				77.7	78.1	7434-90-01-144	Muscovite	1.000	NULL	NULL	86.779	core	
Stewart	7434-90-01	13	77.7	83.1	78.1	78.5	7434-90-01-145	Paragonite	0.730	Montmorillonite	0.270	70.541	core	
Stewart	7434-90-01				78.5	79.0	7434-90-01-146	Muscoviticllite	0.699	Pyrophyllite	0.301	79.114	core	
Stewart	7434-90-01				79.0	79.5	7434-90-01-147	Paragonite	0.627	Kaolinite-PX	0.373	151.87	gouge	
Stewart	7434-90-01				79.5	80.0	7434-90-01-148	Paragonite	0.731	Kaolinite-PX	0.269	87.872	gouge	
Stewart	7434-90-01				80.0	80.5	7434-90-01-149	Paragonite	0.576	Chlorite-FeMg	0.424	51.011	core	
Stewart	7434-90-01				80.5	81.0	7434-90-01-150	Chlorite-FeMg	0.554	Paragonite	0.446	58.605	core	
Stewart	7434-90-01				81.0	81.4	7434-90-01-151	Paragonite	0.584	Chlorite-FeMg	0.416	35.322	core	
Stewart	7434-90-01				81.4	81.8	7434-90-01-152	Muscovite	0.645	Pyrophyllite	0.355	123.23	gouge	
Stewart	7434-90-01				81.8	82.2	7434-90-01-153	Muscovite	0.688	Pyrophyllite	0.312	99.973	gouge	
Stewart	7434-90-01				82.2	82.6	7434-90-01-154	Muscovite	1.000	NULL	NULL	103.53	gouge	
Stewart	7434-90-01				82.6	83.1	7434-90-01-155	Paragonite	1.000	NULL	NULL	133.76	gouge	
Stewart	7434-90-01				83.1	83.8	7434-90-01-156	Muscovite	1.000	NULL	NULL	77.123	gouge	
Stewart	7434-90-01	14	83.1	89	83.8	84.3	7434-90-01-157	Paragonite	1.000	NULL	NULL	158.32	core	
Stewart	7434-90-01				84.3	84.7	7434-90-01-158	Muscovite	1.000	NULL	NULL	128.41	core	
Stewart	7434-90-01				84.7	85.2	7434-90-01-159	Paragonite	0.685	Montmorillonite	0.315	211.80	gouge	
Stewart	7434-90-01				85.2	85.6	7434-90-01-160	Muscovite	1.000	NULL	NULL	58.012	core	
Stewart	7434-90-01				85.6	86.1	7434-90-01-161	Muscovite	1.000	NULL	NULL	79.114	core	
Stewart	7434-90-01				86.1	86.5	7434-90-01-162	Muscovite	1.000	NULL	NULL	81.667	core	
Stewart	7434-90-01				86.5	87.0	7434-90-01-163	Paragonite	0.705	Montmorillonite	0.295	90.991	core	
Stewart	7434-90-01				87.0	87.5	7434-90-01-164	Muscovite	1.000	NULL	NULL	137.49	core	
Stewart	7434-90-01				87.5	88.0	7434-90-01-165	Paragonite	1.000	NULL	NULL	80.741	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01				88.0	88.5	7434-90-01-166	Muscovite	0.631	Chlorite-FeMg	0.369	54.967	core	
Stewart	7434-90-01				88.5	89.0	7434-90-01-167	Muscovite	1.000	NULL	NULL	103.46	core	
Stewart	7434-90-01				89.0	89.5	7434-90-01-168	Muscovite	1.000	NULL	NULL	99.365	core	
Stewart	7434-90-01	15	89	94.8	89.5	90.0	7434-90-01-169	Muscovite	0.526	Chlorite-FeMg	0.474	95.114	core	
Stewart	7434-90-01				90.0	90.4	7434-90-01-170	Paragonite	0.507	Chlorite-FeMg	0.493	138.13	core	
Stewart	7434-90-01				90.4	90.9	7434-90-01-171	Muscovite	1.000	NULL	NULL	89.786	core	
Stewart	7434-90-01				90.9	91.3	7434-90-01-172	Muscovite	0.610	Chlorite-FeMg	0.390	38.940	core	
Stewart	7434-90-01				91.3	91.8	7434-90-01-173	Muscovite	0.606	Chlorite-FeMg	0.394	63.191	core	
Stewart	7434-90-01				91.8	92.2	7434-90-01-174	Muscovite	1.000	NULL	NULL	164.05	core	
Stewart	7434-90-01				92.2	92.7	7434-90-01-175	Muscovite	1.000	NULL	NULL	77.526	core	
Stewart	7434-90-01				92.7	93.1	7434-90-01-176	Muscovite	1.000	NULL	NULL	98.488	core	
Stewart	7434-90-01				93.1	93.7	7434-90-01-177	Muscovite	1.000	NULL	NULL	87.119	core	
Stewart	7434-90-01				93.7	94.2	7434-90-01-178	Muscovite	1.000	NULL	NULL	133.24	core	
Stewart	7434-90-01				94.2	94.8	7434-90-01-179	Muscovite	1.000	NULL	NULL	78.181	core	
Stewart	7434-90-01				94.8	95.3	7434-90-01-180	Muscovite	1.000	NULL	NULL	109.18	core	
Stewart	7434-90-01	16	94.8	100.2	95.3	95.7	7434-90-01-181	Paragonite	0.719	Montmorillonite	0.281	66.211	core	
Stewart	7434-90-01				95.7	96.2	7434-90-01-182	Paragonite	0.721	Montmorillonite	0.279	82.754	core	
Stewart	7434-90-01				96.2	96.6	7434-90-01-183	Muscovite	1.000	NULL	NULL	112.29	core	
Stewart	7434-90-01				96.6	97.0	7434-90-01-184	Paragonite	1.000	NULL	NULL	113.79	core	
Stewart	7434-90-01				97.0	97.4	7434-90-01-185	Muscovite	1.000	NULL	NULL	158.11	core	
Stewart	7434-90-01				97.4	97.8	7434-90-01-186	Paragonite	1.000	NULL	NULL	168.43	core	
Stewart	7434-90-01				97.8	98.2	7434-90-01-187	Paragonite	1.000	NULL	NULL	184.12	core	
Stewart	7434-90-01				98.2	98.6	7434-90-01-188	Paragonite	0.750	Montmorillonite	0.250	106.16	core	
Stewart	7434-90-01				98.6	99.0	7434-90-01-189	Paragonite	0.788	Montmorillonite	0.212	84.835	core	
Stewart	7434-90-01				99.0	99.4	7434-90-01-190	Paragonite	1.000	NULL	NULL	149.59	core	
Stewart	7434-90-01				99.4	100.2	7434-90-01-191	Paragonite	0.707	Montmorillonite	0.293	117.47	core	
Stewart	7434-90-01				100.2	100.7	7434-90-01-192	Paragonite	0.745	Pyrophyllite	0.255	122.41	gouge	
Stewart	7434-90-01	17	100.2	106.3	100.7	101.2	7434-90-01-193	Muscovite	0.585	Pyrophyllite	0.415	94.827	core	
Stewart	7434-90-01				101.2	101.7	7434-90-01-194	Muscovite	0.675	Pyrophyllite	0.325	144.70	core	
Stewart	7434-90-01				101.7	102.2	7434-90-01-195	Pyrophyllite	0.668	Muscovite	0.332	46.447	gouge	
Stewart	7434-90-01				102.2	102.7	7434-90-01-196	Muscovite	0.724	Pyrophyllite	0.276	126.83	gouge	
Stewart	7434-90-01				102.7	103.2	7434-90-01-197	Muscovite	0.742	Pyrophyllite	0.258	73.120	gouge	
Stewart	7434-90-01				103.2	103.7	7434-90-01-198	Muscovite	0.835	Pyrophyllite	0.165	70.532	gouge	
Stewart	7434-90-01				103.7	104.2	7434-90-01-199	Paragonite	0.753	Pyrophyllite	0.247	160.46	gouge	
Stewart	7434-90-01				104.2	104.7	7434-90-01-200	Muscovite	0.687	Pyrophyllite	0.313	92.913	gouge	
Stewart	7434-90-01				104.7	105.2	7434-90-01-201	Muscovite	0.696	Pyrophyllite	0.304	116.20	gouge	
Stewart	7434-90-01				105.2	105.7	7434-90-01-202	Muscovite	0.676	Pyrophyllite	0.324	119.94	gouge	
Stewart	7434-90-01				105.7	106.3	7434-90-01-203	Muscovite	0.566	Pyrophyllite	0.434	66.043	gouge	
Stewart	7434-90-01				106.3	106.8	7434-90-01-204	Paragonite	0.666	Pyrophyllite	0.334	131.96	gouge	
Stewart	7434-90-01	18	106.3	112	106.8	107.3	7434-90-01-205	Muscovite	0.618	Pyrophyllite	0.382	120.88	gouge	
Stewart	7434-90-01				107.3	107.7	7434-90-01-206	Pyrophyllite	0.626	Muscovite	0.374	56.169	gouge	
Stewart	7434-90-01				107.7	108.2	7434-90-01-207	Muscovite	0.543	Pyrophyllite	0.457	72.213	gouge	
Stewart	7434-90-01				108.2	108.6	7434-90-01-208	Paragonite	1.000	NULL	NULL	224.66	gouge	
Stewart	7434-90-01				108.6	109.1	7434-90-01-209	Paragonite	1.000	NULL	NULL	226.12	gouge	
Stewart	7434-90-01				109.1	109.5	7434-90-01-210	Paragonite	1.000	NULL	NULL	198.21	gouge	
Stewart	7434-90-01				109.5	110.0	7434-90-01-211	Paragonite	0.754	Pyrophyllite	0.246	155.22	gouge	
Stewart	7434-90-01				110.0	110.4	7434-90-01-212	Muscovite	1.000	NULL	NULL	197.68	gouge	
Stewart	7434-90-01				110.4	110.9	7434-90-01-213	Paragonite	0.751	Kaolinite-PX	0.249	95.282	gouge	
Stewart	7434-90-01				110.9	111.3	7434-90-01-214	Paragonite	1.000	NULL	NULL	161.39	gouge	
Stewart	7434-90-01				111.3	112.0	7434-90-01-215	Muscovite	0.753	Pyrophyllite	0.247	159.44	gouge	
Stewart	7434-90-01				112.0	112.5	7434-90-01-216	Paragonite	1.000	NULL	NULL	145.22	gouge	
Stewart	7434-90-01	19	112	117.5	112.5	113.0	7434-90-01-217	Muscovite	0.672	Pyrophyllite	0.328	118.03	core	
Stewart	7434-90-01				113.0	113.4	7434-90-01-218	Paragonite	1.000	NULL	NULL	206.65	core	
Stewart	7434-90-01				113.4	113.9	7434-90-01-219	Muscovite	1.000	NULL	NULL	91.989	core	
Stewart	7434-90-01				113.9	114.3	7434-90-01-220	Muscovite	0.629	Pyrophyllite	0.371	121.21	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01				114.3	114.8	7434-90-01-221	Muscovite	0.835	Pyrophyllite	0.165	83.753	core	
Stewart	7434-90-01				114.8	115.2	7434-90-01-222	Muscovite	0.787	Pyrophyllite	0.213	150.35	core	
Stewart	7434-90-01				115.2	115.7	7434-90-01-223	Paragonite	1.000	NULL	NULL	148.68	core	
Stewart	7434-90-01				115.7	116.1	7434-90-01-224	Paragonite	0.751	Montmorillonite	0.249	132.26	core	
Stewart	7434-90-01				116.1	116.6	7434-90-01-225	Paragonite	1.000	NULL	NULL	132.18	core	
Stewart	7434-90-01				116.6	117.0	7434-90-01-226	Muscovite	1.000	NULL	NULL	101.90	core	
Stewart	7434-90-01				117.0	117.5	7434-90-01-227	Paragonite	1.000	NULL	NULL	181.23	core	
Stewart	7434-90-01				117.5	117.9	7434-90-01-228	Muscovite	1.000	NULL	NULL	141.04	core	
Stewart	7434-90-01				117.9	118.4	7434-90-01-229	Muscovite	1.000	NULL	NULL	94.414	core	
Stewart	7434-90-01				118.4	118.8	7434-90-01-230	Muscovite	1.000	NULL	NULL	169.55	core	
Stewart	7434-90-01				118.8	119.3	7434-90-01-231	Muscovite	1.000	NULL	NULL	94.714	core	
Stewart	7434-90-01				119.3	119.7	7434-90-01-232	Muscovite	1.000	NULL	NULL	107.40	core	
Stewart	7434-90-01				119.7	120.2	7434-90-01-233	Paragonite	1.000	NULL	NULL	201.84	core	
Stewart	7434-90-01				120.2	120.6	7434-90-01-234	Muscovite	1.000	NULL	NULL	96.705	core	
Stewart	7434-90-01				120.6	121.0	7434-90-01-235	Paragonite	0.726	Montmorillonite	0.274	82.128	core	
Stewart	7434-90-01				121.0	121.4	7434-90-01-236	Paragonite	1.000	NULL	NULL	170.82	core	
Stewart	7434-90-01				121.4	121.8	7434-90-01-237	Muscovite	1.000	NULL	NULL	133.50	core	
Stewart	7434-90-01				121.8	122.2	7434-90-01-238	Muscovite	1.000	NULL	NULL	123.80	core	
Stewart	7434-90-01				122.2	122.8	7434-90-01-239	Muscovite	1.000	NULL	NULL	135.35	core	
Stewart	7434-90-01				122.8	123.3	7434-90-01-240	Paragonite	1.000	NULL	NULL	216.95	core	
Stewart	7434-90-01	21	122.8	129.2	123.3	123.8	7434-90-01-241	Muscovite	1.000	NULL	NULL	102.45	core	
Stewart	7434-90-01				123.8	124.4	7434-90-01-242	Muscovite	1.000	NULL	NULL	109.16	core	
Stewart	7434-90-01				124.4	124.9	7434-90-01-243	Muscovite	1.000	NULL	NULL	304.16	core	
Stewart	7434-90-01				124.9	125.5	7434-90-01-244	Muscovite	0.609	Chlorite-FeMg	0.391	90.009	core	
Stewart	7434-90-01				125.5	126.0	7434-90-01-245	Muscovite	0.597	Chlorite-FeMg	0.403	125.40	core	
Stewart	7434-90-01				126.0	126.6	7434-90-01-246	Muscovite	1.000	NULL	NULL	123.83	core	
Stewart	7434-90-01				126.6	127.1	7434-90-01-247	Muscovite	1.000	NULL	NULL	140.71	core	
Stewart	7434-90-01				127.1	127.6	7434-90-01-248	Chlorite-Fe	0.572	Paragonite	0.428	227.92	core	
Stewart	7434-90-01				127.6	128.1	7434-90-01-249	Paragonite	0.708	Montmorillonite	0.292	136.11	core	
Stewart	7434-90-01				128.1	128.6	7434-90-01-250	Muscovite	1.000	NULL	NULL	142.31	core	
Stewart	7434-90-01				128.6	129.2	7434-90-01-251	Muscovite	1.000	NULL	NULL	154.71	core	
Stewart	7434-90-01				129.2	129.7	7434-90-01-252	Muscovite	1.000	NULL	NULL	263.41	core	
Stewart	7434-90-01	22	129.2	134.7	129.7	130.1	7434-90-01-253	Muscovite	1.000	NULL	NULL	126.82	core	
Stewart	7434-90-01				130.1	130.5	7434-90-01-254	Muscovite	1.000	NULL	NULL	236.49	core	
Stewart	7434-90-01				130.5	130.9	7434-90-01-255	Muscovite	1.000	NULL	NULL	378.63	core	
Stewart	7434-90-01				130.9	131.3	7434-90-01-256	Muscovite	1.000	NULL	NULL	280.46	core	
Stewart	7434-90-01				131.3	131.7	7434-90-01-257	Paragonite	0.833	Pyrophyllite	0.167	142.54	core	
Stewart	7434-90-01				131.7	132.1	7434-90-01-258	Paragonite	1.000	NULL	NULL	179.09	core	
Stewart	7434-90-01				132.1	132.5	7434-90-01-259	Muscovite	1.000	NULL	NULL	216.03	core	
Stewart	7434-90-01				132.5	133.2	7434-90-01-260	Paragonite	1.000	NULL	NULL	199.19	core	
Stewart	7434-90-01				133.2	133.7	7434-90-01-261	Muscovite	1.000	NULL	NULL	305.86	core	
Stewart	7434-90-01				133.7	134.2	7434-90-01-262	Muscovite	1.000	NULL	NULL	108.76	core	
Stewart	7434-90-01				134.2	134.7	7434-90-01-263	Paragonite	1.000	NULL	NULL	222.94	core	
Stewart	7434-90-01				134.7	135.2	7434-90-01-264	Muscovite	1.000	NULL	NULL	322.37	core	
Stewart	7434-90-01	23	134.7	140	135.2	135.6	7434-90-01-265	Muscovite	1.000	NULL	NULL	191.41	core	
Stewart	7434-90-01				135.6	135.9	7434-90-01-266	Muscovite	1.000	NULL	NULL	149.37	core	
Stewart	7434-90-01				135.9	136.2	7434-90-01-267	Paragonite	0.746	Montmorillonite	0.254	142.32	gouge	
Stewart	7434-90-01				136.2	136.7	7434-90-01-268	Paragonite	0.539	Chlorite-Fe	0.461	151.43	core	
Stewart	7434-90-01				136.7	137.1	7434-90-01-269	Muscovite	1.000	NULL	NULL	191.83	core	
Stewart	7434-90-01				137.1	137.6	7434-90-01-270	Muscovite	1.000	NULL	NULL	226.07	core	
Stewart	7434-90-01				137.6	138.0	7434-90-01-271	Muscovite	1.000	NULL	NULL	318.95	core	
Stewart	7434-90-01				138.0	138.5	7434-90-01-272	Muscovite	1.000	NULL	NULL	150.56	core	
Stewart	7434-90-01				138.5	138.9	7434-90-01-273	Muscovite	1.000	NULL	NULL	334.06	core	
Stewart	7434-90-01				138.9	139.4	7434-90-01-274	Muscovite	1.000	NULL	NULL	151.57	core	
Stewart	7434-90-01				139.4	140.0	7434-90-01-275	Muscovite	1.000	NULL	NULL	226.98	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-01				140.0	140.5	7434-90-01-276	Muscovite	1.000	NULL	NULL	165.49	core	
Stewart	7434-90-01	24	140	145.2	140.5	140.9	7434-90-01-277	Muscovite	1.000	NULL	NULL	138.89	core	
Stewart	7434-90-01				140.9	141.3	7434-90-01-278	Muscovite	1.000	NULL	NULL	181.12	core	
Stewart	7434-90-01				141.3	141.7	7434-90-01-279	Muscovite	1.000	NULL	NULL	165.97	core	
Stewart	7434-90-01				141.7	142.1	7434-90-01-280	Muscovite	1.000	NULL	NULL	337.16	core	
Stewart	7434-90-01				142.1	142.5	7434-90-01-281	Muscovite	1.000	NULL	NULL	138.19	core	
Stewart	7434-90-01				142.5	142.9	7434-90-01-282	Muscovite	1.000	NULL	NULL	142.37	core	
Stewart	7434-90-01				142.9	142.3	7434-90-01-283	Muscovite	1.000	NULL	NULL	100.75	core	
Stewart	7434-90-01				142.3	143.1	7434-90-01-284	Muscovite	1.000	NULL	NULL	121.29	core	
Stewart	7434-90-01				143.1	143.8	7434-90-01-285	Muscovite	1.000	NULL	NULL	139.39	core	
Stewart	7434-90-01				143.8	144.6	7434-90-01-286	Muscovite	1.000	NULL	NULL	88.566	core	
Stewart	7434-90-01				144.6	145.2	7434-90-01-287	Muscovite	1.000	NULL	NULL	88.111	core	
Stewart	7434-90-01				145.2	145.7	7434-90-01-288	Muscovite	0.530	Chlorite-FeMg	0.470	175.95	core	
Stewart	7434-90-01	25	145.2	150.7	145.7	146.1	7434-90-01-289	Paragoniticllite	1.000	NULL	NULL	153.88	core	
Stewart	7434-90-01				146.1	146.6	7434-90-01-290	Kaolinite-WX	0.502	Phengite	0.498	153.43	core	
Stewart	7434-90-01				146.6	147.0	7434-90-01-291	Phengite	0.816	Ankerite	0.184	134.69	core	
Stewart	7434-90-01				147.0	147.5	7434-90-01-292	Paragoniticllite	1.000	NULL	NULL	126.32	core	
Stewart	7434-90-01				147.5	147.9	7434-90-01-293	Phengite	0.752	Siderite	0.248	89.967	core	
Stewart	7434-90-01				147.9	148.3	7434-90-01-294	Phengite	0.534	Dickite	0.466	52.833	core	
Stewart	7434-90-01				148.3	148.8	7434-90-01-295	Phengite	0.830	Epidote	0.170	119.82	core	
Stewart	7434-90-01				148.8	149.2	7434-90-01-296	Phengite	0.815	Ankerite	0.185	160.82	core	
Stewart	7434-90-01				149.2	149.7	7434-90-01-297	Phengite	1.000	NULL	NULL	166.88	core	
Stewart	7434-90-01				149.7	150.1	7434-90-01-298	Phengite	1.000	NULL	NULL	123.76	core	
Stewart	7434-90-01				150.1	150.7	7434-90-01-299	Phengite	0.758	Chlorite-FeMg	0.242	131.72	core	
Stewart	7434-90-01				150.7	151.2	7434-90-01-300	Phengite	0.725	Chlorite-FeMg	0.275	174.56	core	
Stewart	7434-90-01	26	150.7	155.7	151.2	151.6	7434-90-01-301	Phengite	0.832	Epidote	0.168	166.64	core	
Stewart	7434-90-01				151.6	152.0	7434-90-01-302	Phengite	0.839	Epidote	0.161	138.72	core	
Stewart	7434-90-01				152.0	152.5	7434-90-01-303	Phengite	1.000	NULL	NULL	208.84	core	
Stewart	7434-90-01				152.5	153.0	7434-90-01-304	Phengite	0.829	Ankerite	0.171	152.87	core	
Stewart	7434-90-01				153.0	153.5	7434-90-01-305	Phengite	0.839	Ankerite	0.161	149.20	core	
Stewart	7434-90-01				153.5	154.0	7434-90-01-306	Phengite	1.000	NULL	NULL	162.45	core	
Stewart	7434-90-01				154.0	154.5	7434-90-01-307	Phengite	1.000	NULL	NULL	213.99	core	
Stewart	7434-90-01				154.5	155.0	7434-90-01-308	Phengite	0.723	Chlorite-FeMg	0.277	119.76	core	
Stewart	7434-90-01				155.0	155.4	7434-90-01-309	Phengite	1.000	NULL	NULL	196.39	core	
Stewart	7434-90-01				155.4	155.7	7434-90-01-310	Phengite	1.000	NULL	NULL	170.21	core	
Stewart	7434-90-01				155.7	9.2	7434-90-01-311	Phengite	0.773	Epidote	0.227	143.13	core	End of DHH 7434-90-01
Stewart	7434-90-02				9.2	8.5	7434-90-02-346	Muscovite	0.672	Chlorite-FeMg	0.328	133.71	core	logged from bottom to top
Stewart	7434-90-02				9.9	9.2	7434-90-02-345	Muscovite	0.657	Chlorite-FeMg	0.343	129.28	core	
Stewart	7434-90-02				10.6	9.9	7434-90-02-344	Chlorite-FeMg	0.526	Muscovite	0.474	69.568	core	
Stewart	7434-90-02				11.3	10.6	7434-90-02-343	Chlorite-FeMg	0.539	Muscovite	0.461	175.66	core	
Stewart	7434-90-02				12.0	11.3	7434-90-02-342	Chlorite-FeMg	0.530	Muscovite	0.470	161.86	core	
Stewart	7434-90-02	1	9.2	12.7	12.7	12.0	7434-90-02-341	Muscovite	0.748	Kaolinite-WX	0.252	69.668	core	
Stewart	7434-90-02				13.4	12.7	7434-90-02-340	Muscovite	1.000	NULL	NULL	59.733	core	
Stewart	7434-90-02				13.8	13.4	7434-90-02-339	Chlorite-Fe	0.604	Muscovite	0.396	203.23	core	
Stewart	7434-90-02				14.2	13.8	7434-90-02-338	Chlorite-FeMg	0.696	Kaolinite-WX	0.304	127.96	core	
Stewart	7434-90-02				14.6	14.2	7434-90-02-337	Chlorite-FeMg	0.608	Muscovite	0.392	235.45	core	
Stewart	7434-90-02				15.1	14.6	7434-90-02-336	Chlorite-FeMg	0.614	Muscovite	0.386	65.681	core	
Stewart	7434-90-02				15.5	15.1	7434-90-02-335	Chlorite-FeMg	0.545	Muscovite	0.455	79.733	core	
Stewart	7434-90-02				15.9	15.5	7434-90-02-334	Muscovite	0.614	Chlorite-FeMg	0.386	88.322	core	
Stewart	7434-90-02				16.3	15.9	7434-90-02-333	Muscovite	0.512	Chlorite-FeMg	0.488	55.221	core	
Stewart	7434-90-02				16.7	16.3	7434-90-02-332	Muscovite	0.670	Chlorite-FeMg	0.330	63.284	core	
Stewart	7434-90-02				17.2	16.7	7434-90-02-331	Muscovite	0.605	Chlorite-FeMg	0.395	126.34	core	
Stewart	7434-90-02				17.6	17.2	7434-90-02-330	Muscovite	1.000	NULL	NULL	35.380	core	
Stewart	7434-90-02		12.7	18	18.0	17.6	7434-90-02-329	Muscovite	1.000	NULL	NULL	70.807	core	
Stewart	7434-90-02				18.4	18.0	7434-90-02-328	Muscovite	0.695	Kaolinite-WX	0.305	101.30	gouge	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				19.1	18.4	7434-90-02-327	Kaolinite-WX	0.579	Muscovite	0.421	43.047	gouge	
Stewart	7434-90-02				19.7	19.1	7434-90-02-326	Muscovite	0.594	Dickite	0.406	84.538	gouge	
Stewart	7434-90-02				20.4	19.7	7434-90-02-325	Chlorite-Fe	1.000	NULL	NULL	148.81	gouge	
Stewart	7434-90-02				21.0	20.4	7434-90-02-324	Muscovite	1.000	NULL	NULL	87.363	gouge	
Stewart	7434-90-02				21.3	21.0	7434-90-02-323	Muscovite	1.000	NULL	NULL	62.038	core	dyke
Stewart	7434-90-02				21.7	21.3	7434-90-02-322	Muscovite	0.848	Pyrophyllite	0.152	197.63	core	dyke
Stewart	7434-90-02				22.1	21.7	7434-90-02-321	Paragonite	0.550	Dickite	0.450	99.677	core	
Stewart	7434-90-02				22.5	22.1	7434-90-02-320	Muscovite	0.759	Pyrophyllite	0.241	70.909	core	
Stewart	7434-90-02				22.9	22.5	7434-90-02-319	Kaolinite-WX	0.503	Muscovite	0.497	24.852	core	
Stewart	7434-90-02				23.3	22.9	7434-90-02-318	Muscovite	0.671	Pyrophyllite	0.329	93.826	core	
Stewart	7434-90-02	3	18	23.7	23.7	23.3	7434-90-02-317	Muscovite	0.678	Pyrophyllite	0.322	60.908	core	
Stewart	7434-90-02				24.2	23.7	7434-90-02-316	Pyrophyllite	0.664	Muscovite	0.336	37.372	core	
Stewart	7434-90-02				24.7	24.2	7434-90-02-315	Pyrophyllite	0.519	Muscovite	0.481	56.398	core	
Stewart	7434-90-02				25.1	24.7	7434-90-02-314	Muscovite	0.578	Pyrophyllite	0.422	58.059	core	
Stewart	7434-90-02				25.6	25.1	7434-90-02-313	Pyrophyllite	1.000	NULL	NULL	33.850	core	
Stewart	7434-90-02				26.1	25.6	7434-90-02-312	Pyrophyllite	0.543	Muscovite	0.457	63.163	core	
Stewart	7434-90-02				26.5	26.1	7434-90-02-311	Pyrophyllite	0.556	Muscovite	0.444	61.184	core	
Stewart	7434-90-02				27.0	26.5	7434-90-02-310	Muscovite	0.688	Pyrophyllite	0.312	51.998	core	
Stewart	7434-90-02				27.6	27.0	7434-90-02-309	Muscovite	0.666	Pyrophyllite	0.334	78.766	core	
Stewart	7434-90-02				28.0	27.6	7434-90-02-308	Muscovite	0.505	Pyrophyllite	0.495	91.890	core	
Stewart	7434-90-02				28.5	28.0	7434-90-02-307	Muscovite	0.729	Pyrophyllite	0.271	101.96	core	
Stewart	7434-90-02				28.9	28.5	7434-90-02-306	Muscovite	0.556	Pyrophyllite	0.444	75.897	core	
Stewart	7434-90-02	4	23.7	29.3	29.3	28.9	7434-90-02-305	Muscovite	0.660	Pyrophyllite	0.340	67.542	core	
Stewart	7434-90-02				29.7	29.3	7434-90-02-304	Pyrophyllite	0.629	Muscovite	0.371	33.775	core	
Stewart	7434-90-02				30.1	29.7	7434-90-02-303	Muscovite	0.785	Pyrophyllite	0.215	55.150	core	
Stewart	7434-90-02				30.7	30.1	7434-90-02-302	Muscovite	0.797	Pyrophyllite	0.203	41.797	core	
Stewart	7434-90-02				31.2	30.7	7434-90-02-301	Muscovite	1.000	NULL	NULL	115.64	core	
Stewart	7434-90-02				31.7	31.2	7434-90-02-300	Muscovite	0.786	Pyrophyllite	0.214	68.075	core	
Stewart	7434-90-02				32.2	31.7	7434-90-02-299	Pyrophyllite	0.562	Muscovite	0.438	54.579	core	
Stewart	7434-90-02				32.7	32.2	7434-90-02-298	Muscovite	0.657	Pyrophyllite	0.343	70.876	core	
Stewart	7434-90-02				33.2	32.7	7434-90-02-297	Muscovite	0.796	Pyrophyllite	0.204	83.593	core	
Stewart	7434-90-02				33.7	33.2	7434-90-02-296	Muscovite	0.670	Pyrophyllite	0.330	113.79	core	
Stewart	7434-90-02				34.2	33.7	7434-90-02-295	Muscovite	0.640	Pyrophyllite	0.360	56.918	core	
Stewart	7434-90-02				34.7	34.2	7434-90-02-294	Muscovite	0.629	Pyrophyllite	0.371	85.007	core	
Stewart	7434-90-02	5	29.3	35.2	35.2	34.7	7434-90-02-293	Muscovite	0.652	Pyrophyllite	0.348	91.458	core	
Stewart	7434-90-02				35.6	35.2	7434-90-02-292	Pyrophyllite	0.721	Muscovite	0.279	37.060	core	
Stewart	7434-90-02				36.0	35.6	7434-90-02-291	Muscovite	0.738	Pyrophyllite	0.262	91.735	core	
Stewart	7434-90-02				36.5	36.0	7434-90-02-290	Muscovite	0.720	Pyrophyllite	0.280	90.886	core	
Stewart	7434-90-02				37.0	36.5	7434-90-02-289	Muscovite	0.710	Pyrophyllite	0.290	89.608	core	
Stewart	7434-90-02				37.5	37.0	7434-90-02-288	Pyrophyllite	0.764	Dickite	0.236	62.711	core	
Stewart	7434-90-02				38.0	37.5	7434-90-02-287	Pyrophyllite	0.793	Dickite	0.207	28.520	core	
Stewart	7434-90-02				38.5	38.0	7434-90-02-286	Muscovite	0.522	Pyrophyllite	0.478	62.393	core	
Stewart	7434-90-02				39.0	38.5	7434-90-02-285	Muscovite	0.716	Pyrophyllite	0.284	124.61	core	
Stewart	7434-90-02				39.5	39.0	7434-90-02-284	Muscovite	0.571	Pyrophyllite	0.429	55.901	core	
Stewart	7434-90-02				40.0	39.5	7434-90-02-283	Pyrophyllite	0.636	Muscovite	0.364	56.179	core	
Stewart	7434-90-02				40.5	40.0	7434-90-02-282	Pyrophyllite	0.728	Muscovite	0.272	65.660	core	
Stewart	7434-90-02	6	35.2	41	41.0	40.5	7434-90-02-281	Pyrophyllite	0.549	Kaolinite-WVX	0.451	32.103	core	box 7 missing
Stewart	7434-90-02				46.9	41.0	7434-90-02-280	Pyrophyllite	0.653	Muscovite	0.347	58.104	core	
Stewart	7434-90-02				47.2	46.9	7434-90-02-279	Pyrophyllite	0.703	Muscovite	0.297	23.492	core	
Stewart	7434-90-02				47.7	47.2	7434-90-02-278	Pyrophyllite	0.679	Dickite	0.321	51.005	core	
Stewart	7434-90-02				48.2	47.7	7434-90-02-277	Muscovite	0.528	Pyrophyllite	0.472	69.964	core	
Stewart	7434-90-02				48.7	48.2	7434-90-02-276	Pyrophyllite	0.787	Paragonite	0.213	43.087	core	
Stewart	7434-90-02				49.2	48.7	7434-90-02-275	Pyrophyllite	0.638	Muscovite	0.362	40.180	core	
Stewart	7434-90-02				49.7	49.2	7434-90-02-274	Pyrophyllite	0.601	Muscovite	0.399	64.943	core	
Stewart	7434-90-02				50.2	49.7	7434-90-02-273	Pyrophyllite	0.665	Dickite	0.335	46.474	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				50.7	50.2	7434-90-02-272	Pyrophyllite	0.710	Dickite	0.290	39.049	core	
Stewart	7434-90-02				51.2	50.7	7434-90-02-271	Pyrophyllite	0.721	Muscovite	0.279	34.382	core	
Stewart	7434-90-02				51.7	51.2	7434-90-02-270	Pyrophyllite	0.586	Muscovite	0.414	45.339	core	
Stewart	7434-90-02	8	46.9	52.2	52.2	51.7	7434-90-02-269	Muscovite	0.744	Pyrophyllite	0.256	52.675	core	
Stewart	7434-90-02				52.8	52.2	7434-90-02-268	Muscovite	0.753	Pyrophyllite	0.247	100.69	core	
Stewart	7434-90-02				53.2	52.8	7434-90-02-267	Muscovite	0.623	Pyrophyllite	0.377	84.166	core	
Stewart	7434-90-02				53.7	53.2	7434-90-02-266	Muscovite	0.672	Pyrophyllite	0.328	68.082	core	
Stewart	7434-90-02				54.1	53.7	7434-90-02-265	Muscovite	0.648	Pyrophyllite	0.352	75.067	core	
Stewart	7434-90-02				54.6	54.1	7434-90-02-264	Muscovite	0.691	Pyrophyllite	0.309	64.046	core	
Stewart	7434-90-02				55.0	54.6	7434-90-02-263	Muscovite	0.687	Pyrophyllite	0.313	63.707	core	
Stewart	7434-90-02				55.5	55.0	7434-90-02-262	Muscovite	0.685	Pyrophyllite	0.315	118.75	core	
Stewart	7434-90-02				55.9	55.5	7434-90-02-261	Muscovite	0.609	Pyrophyllite	0.391	78.255	core	
Stewart	7434-90-02				56.4	55.9	7434-90-02-260	Muscovite	0.566	Pyrophyllite	0.434	57.946	core	
Stewart	7434-90-02				56.8	56.4	7434-90-02-259	Muscovite	0.696	Pyrophyllite	0.304	82.539	core	
Stewart	7434-90-02				57.3	56.8	7434-90-02-258	Pyrophyllite	0.572	Muscovite	0.428	40.415	core	
Stewart	7434-90-02	9	52.2	57.7	57.7	57.3	7434-90-02-257	Pyrophyllite	0.512	Muscovite	0.488	61.648	core	
Stewart	7434-90-02				58.3	57.7	7434-90-02-256	Pyrophyllite	0.596	Muscovite	0.404	40.658	core	
Stewart	7434-90-02				58.7	58.3	7434-90-02-255	Muscovite	0.510	Pyrophyllite	0.490	63.826	core	
Stewart	7434-90-02				59.2	58.7	7434-90-02-254	Muscovite	0.702	Pyrophyllite	0.298	63.847	core	
Stewart	7434-90-02				59.7	59.2	7434-90-02-253	Muscovite	0.698	Pyrophyllite	0.302	121.51	core	
Stewart	7434-90-02				60.1	59.7	7434-90-02-252	Pyrophyllite	0.624	Muscovite	0.376	38.951	core	
Stewart	7434-90-02				60.6	60.1	7434-90-02-251	Pyrophyllite	0.677	Muscovite	0.323	42.946	core	
Stewart	7434-90-02				61.0	60.6	7434-90-02-250	Pyrophyllite	0.759	Muscovite	0.241	40.010	core	
Stewart	7434-90-02				61.5	61.0	7434-90-02-249	Pyrophyllite	0.660	Muscovite	0.340	52.139	core	
Stewart	7434-90-02				62.1	61.5	7434-90-02-248	Pyrophyllite	0.626	Muscovite	0.374	41.442	core	
Stewart	7434-90-02				62.6	62.1	7434-90-02-247	Pyrophyllite	0.531	Muscovite	0.469	48.300	core	
Stewart	7434-90-02				63.2	62.6	7434-90-02-246	Muscovite	0.763	Pyrophyllite	0.237	45.183	core	
Stewart	7434-90-02	10	57.7	63.7	63.7	63.2	7434-90-02-245	Muscovite	0.599	Pyrophyllite	0.401	43.129	core	
Stewart	7434-90-02				64.4	63.7	7434-90-02-244	Muscovite	0.673	Pyrophyllite	0.327	78.327	core	
Stewart	7434-90-02				64.8	64.4	7434-90-02-243	Muscovite	0.503	Pyrophyllite	0.497	64.312	core	
Stewart	7434-90-02				65.3	64.8	7434-90-02-242	Pyrophyllite	0.528	Muscovite	0.472	48.803	core	
Stewart	7434-90-02				65.7	65.3	7434-90-02-241	Muscovite	0.750	Pyrophyllite	0.250	78.585	core	
Stewart	7434-90-02				66.2	65.7	7434-90-02-240	Muscovite	0.632	Pyrophyllite	0.368	43.762	core	
Stewart	7434-90-02				66.6	66.2	7434-90-02-239	Pyrophyllite	1.000	NULL	NULL	135.08	core	
Stewart	7434-90-02				67.1	66.6	7434-90-02-238	Pyrophyllite	0.661	Muscovite	0.339	51.802	core	
Stewart	7434-90-02				67.5	67.1	7434-90-02-237	Pyrophyllite	0.760	Muscovite	0.240	47.273	core	
Stewart	7434-90-02				68.0	67.5	7434-90-02-236	Pyrophyllite	0.665	Dickite	0.335	46.047	core	
Stewart	7434-90-02				68.4	68.0	7434-90-02-235	Pyrophyllite	0.775	Muscovite	0.225	49.448	core	
Stewart	7434-90-02				68.9	68.4	7434-90-02-234	Pyrophyllite	1.000	NULL	NULL	109.81	core	
Stewart	7434-90-02	11	63.7	69.3	69.3	68.9	7434-90-02-233	Pyrophyllite	0.520	Paragonite	0.480	72.077	core	
Stewart	7434-90-02				69.8	69.3	7434-90-02-232	Muscovite	0.621	Pyrophyllite	0.379	111.49	core	
Stewart	7434-90-02				70.2	69.8	7434-90-02-231	Muscovite	0.607	Pyrophyllite	0.393	88.429	core	
Stewart	7434-90-02				70.7	70.2	7434-90-02-230	Muscovite	0.514	Pyrophyllite	0.486	109.12	core	
Stewart	7434-90-02				71.1	70.7	7434-90-02-229	Pyrophyllite	0.551	Muscovite	0.449	54.683	core	
Stewart	7434-90-02				71.6	71.1	7434-90-02-228	Pyrophyllite	0.614	Muscovite	0.386	66.203	core	
Stewart	7434-90-02				72.0	71.6	7434-90-02-227	Muscovite	0.705	Pyrophyllite	0.295	103.20	core	
Stewart	7434-90-02				72.5	72.0	7434-90-02-226	Muscovite	0.743	Pyrophyllite	0.257	94.574	core	
Stewart	7434-90-02				72.9	72.5	7434-90-02-225	Pyrophyllite	0.529	Muscovite	0.471	51.707	core	
Stewart	7434-90-02				73.4	72.9	7434-90-02-224	Pyrophyllite	0.630	Muscovite	0.370	55.183	core	
Stewart	7434-90-02				73.8	73.4	7434-90-02-223	Pyrophyllite	0.756	Muscovite	0.244	79.209	core	
Stewart	7434-90-02				74.3	73.8	7434-90-02-222	Pyrophyllite	0.550	Paragonite	0.450	64.558	core	
Stewart	7434-90-02	12	69.3	74.7	74.7	74.3	7434-90-02-221	Pyrophyllite	0.503	Muscovite	0.497	96.112	core	
Stewart	7434-90-02				75.2	74.7	7434-90-02-220	Pyrophyllite	0.631	Muscovite	0.369	61.317	core	
Stewart	7434-90-02				75.7	75.2	7434-90-02-219	Pyrophyllite	1.000	NULL	NULL	135.64	core	
Stewart	7434-90-02				76.2	75.7	7434-90-02-218	Pyrophyllite	0.678	Muscovite	0.322	65.841	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				76.6	76.2	7434-90-02-217	Pyrophyllite	0.632	Muscovite	0.368	162.62	core	
Stewart	7434-90-02				77.1	76.6	7434-90-02-216	Pyrophyllite	0.652	Dickite	0.348	100.90	core	
Stewart	7434-90-02				77.6	77.1	7434-90-02-215	Pyrophyllite	0.661	Muscovite	0.339	113.52	core	
Stewart	7434-90-02				78.1	77.6	7434-90-02-214	Pyrophyllite	0.700	Muscovite	0.300	125.03	core	
Stewart	7434-90-02				78.5	78.1	7434-90-02-213	Pyrophyllite	0.654	Muscovite	0.346	72.834	core	
Stewart	7434-90-02				79.0	78.5	7434-90-02-212	Pyrophyllite	0.674	Dickite	0.326	65.118	core	
Stewart	7434-90-02				79.5	79.0	7434-90-02-211	Muscovite	0.506	Pyrophyllite	0.494	77.577	core	
Stewart	7434-90-02				79.9	79.5	7434-90-02-210	Muscovite	0.511	Pyrophyllite	0.489	70.815	core	
Stewart	7434-90-02	13	74.7	80.4	80.4	79.9	7434-90-02-209	Muscovite	0.558	Pyrophyllite	0.442	79.209	core	
Stewart	7434-90-02				80.7	80.4	7434-90-02-208	Pyrophyllite	0.544	Muscovite	0.456	72.476	core	
Stewart	7434-90-02				81.2	80.7	7434-90-02-207	Pyrophyllite	0.659	Dickite	0.341	49.450	core	
Stewart	7434-90-02				81.7	81.2	7434-90-02-206	Muscovite	0.644	Pyrophyllite	0.356	124.74	core	
Stewart	7434-90-02				82.1	81.7	7434-90-02-205	Muscovite	0.675	Pyrophyllite	0.325	114.89	core	
Stewart	7434-90-02				82.6	82.1	7434-90-02-204	Muscovite	0.802	Pyrophyllite	0.198	172.06	core	
Stewart	7434-90-02				83.1	82.6	7434-90-02-203	Muscovite	0.769	Pyrophyllite	0.231	120.09	core	
Stewart	7434-90-02				83.5	83.1	7434-90-02-202	Muscovite	0.666	Pyrophyllite	0.334	193.33	core	
Stewart	7434-90-02				84.0	83.5	7434-90-02-201	Pyrophyllite	0.529	Muscovite	0.471	51.644	core	
Stewart	7434-90-02				84.5	84.0	7434-90-02-200	Muscovite	0.693	Pyrophyllite	0.307	49.416	core	
Stewart	7434-90-02				85.0	84.5	7434-90-02-199	Muscovite	0.735	Pyrophyllite	0.265	112.57	core	
Stewart	7434-90-02				85.5	85.0	7434-90-02-198	Muscovite	0.629	Pyrophyllite	0.371	85.988	core	
Stewart	7434-90-02	14	80.4	86	86.0	85.5	7434-90-02-197	Muscovite	0.515	Pyrophyllite	0.485	67.533	core	
Stewart	7434-90-02				86.5	86.0	7434-90-02-196	Muscovite	1.000	NULL	NULL	163.35	core	
Stewart	7434-90-02				86.9	86.5	7434-90-02-195	Muscovite	0.653	Pyrophyllite	0.347	93.544	core	
Stewart	7434-90-02				87.3	86.9	7434-90-02-194	Muscovite	0.699	Pyrophyllite	0.301	89.470	core	
Stewart	7434-90-02				87.7	87.3	7434-90-02-193	Muscovite	0.595	Pyrophyllite	0.405	107.03	core	
Stewart	7434-90-02				88.2	87.7	7434-90-02-192	Muscovite	0.690	Pyrophyllite	0.310	78.329	core	
Stewart	7434-90-02				88.6	88.2	7434-90-02-191	Muscovite	1.000	NULL	NULL	130.91	core	
Stewart	7434-90-02				89.0	88.6	7434-90-02-190	Muscovite	1.000	NULL	NULL	107.43	core	
Stewart	7434-90-02				89.4	89.0	7434-90-02-189	Muscovite	1.000	NULL	NULL	100.89	core	
Stewart	7434-90-02				89.8	89.4	7434-90-02-188	Muscovite	0.710	Pyrophyllite	0.290	52.514	core	
Stewart	7434-90-02				90.3	89.8	7434-90-02-187	Muscovite	0.845	Pyrophyllite	0.155	41.666	core	
Stewart	7434-90-02				90.7	90.3	7434-90-02-186	Muscovite	1.000	NULL	NULL	75.112	core	
Stewart	7434-90-02	15	86	91.1	91.1	90.7	7434-90-02-185	Muscovite	0.650	Pyrophyllite	0.350	89.625	core	
Stewart	7434-90-02				91.6	91.1	7434-90-02-184	Muscovite	0.804	Pyrophyllite	0.196	90.393	core	
Stewart	7434-90-02				92.0	91.6	7434-90-02-183	Muscovite	0.798	Dickite	0.202	184.09	core	
Stewart	7434-90-02				92.5	92.0	7434-90-02-182	Muscovite	0.708	Pyrophyllite	0.292	81.543	core	
Stewart	7434-90-02				93.3	92.5	7434-90-02-181	Muscovite	0.755	Pyrophyllite	0.245	92.398	core	
Stewart	7434-90-02				94.1	93.3	7434-90-02-180	Muscovite	0.831	Pyrophyllite	0.169	84.272	core	
Stewart	7434-90-02				94.9	94.1	7434-90-02-179	Muscovite	0.804	Dickite	0.196	98.513	core	
Stewart	7434-90-02				95.7	94.9	7434-90-02-178	Muscovite	0.642	Dickite	0.358	65.752	core	
Stewart	7434-90-02				96.5	95.7	7434-90-02-177	Muscovite	1.000	NULL	NULL	60.813	gouge	
Stewart	7434-90-02	16	91.1	97.3	97.3	96.5	7434-90-02-176	Muscovite	0.705	Dickite	0.295	131.71	gouge	
Stewart	7434-90-02				98.0	97.3	7434-90-02-175	Kaolinite-WX	0.556	Muscovite	0.444	34.307	gouge	
Stewart	7434-90-02				98.5	98.0	7434-90-02-174	Muscovite	1.000	NULL	NULL	123.07	gouge	
Stewart	7434-90-02				99.0	98.5	7434-90-02-173	Dickite	0.536	Muscovite	0.464	33.346	gouge	
Stewart	7434-90-02				99.5	99.0	7434-90-02-172	Muscovite	0.823	Pyrophyllite	0.177	74.905	gouge	
Stewart	7434-90-02				100.0	99.5	7434-90-02-171	Muscovite	0.620	Kaolinite-VWX	0.380	108.19	gouge	
Stewart	7434-90-02				100.5	100.0	7434-90-02-170	Muscovite	1.000	NULL	NULL	89.347	core	
Stewart	7434-90-02				101.0	100.5	7434-90-02-169	Muscovite	1.000	NULL	NULL	75.559	core	
Stewart	7434-90-02				101.5	101.0	7434-90-02-168	Muscovite	1.000	NULL	NULL	91.667	core	
Stewart	7434-90-02				102.0	101.5	7434-90-02-167	Dickite	0.686	Muscovite	0.314	206.73	gouge	
Stewart	7434-90-02				102.5	102.0	7434-90-02-166	Muscovite	1.000	NULL	NULL	122.39	core	
Stewart	7434-90-02				103.0	102.5	7434-90-02-165	Muscovite	0.574	Dickite	0.426	83.078	core	
Stewart	7434-90-02	17	97.3	103.5	103.5	103.0	7434-90-02-164	Muscovite	1.000	NULL	NULL	429.88	core	
Stewart	7434-90-02				104.1	103.5	7434-90-02-163	Muscovite	0.757	Dickite	0.243	61.402	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				104.6	104.1	7434-90-02-162	Muscovite	0.759	Dickite	0.241	170.85	core	
Stewart	7434-90-02				105.0	104.6	7434-90-02-161	Muscovite	0.767	Pyrophyllite	0.233	76.657	core	
Stewart	7434-90-02				105.5	105.0	7434-90-02-160	Muscovite	1.000	NULL	NULL	171.91	core	
Stewart	7434-90-02				106.0	105.5	7434-90-02-159	Muscovite	1.000	NULL	NULL	107.90	core	
Stewart	7434-90-02				106.5	106.0	7434-90-02-158	Muscovite	1.000	NULL	NULL	98.538	core	
Stewart	7434-90-02				106.9	106.5	7434-90-02-157	Muscovite	1.000	NULL	NULL	133.11	core	
Stewart	7434-90-02				107.4	106.9	7434-90-02-156	Muscovite	0.835	Dickite	0.165	125.39	core	
Stewart	7434-90-02				107.9	107.4	7434-90-02-155	Muscovite	0.787	Dickite	0.213	164.45	core	
Stewart	7434-90-02				108.4	107.9	7434-90-02-154	Muscovite	0.788	Pyrophyllite	0.212	61.534	core	
Stewart	7434-90-02				108.8	108.4	7434-90-02-153	Muscovite	1.000	NULL	NULL	194.47	core	
Stewart	7434-90-02	18	103.5	109.3	109.3	108.8	7434-90-02-152	Muscovite	0.544	Kaolinite-WX	0.456	51.310	core	
Stewart	7434-90-02				109.9	109.3	7434-90-02-151	Muscovite	1.000	NULL	NULL	99.203	core	
Stewart	7434-90-02				110.3	109.9	7434-90-02-150	Muscovite	1.000	NULL	NULL	142.81	core	
Stewart	7434-90-02				110.8	110.3	7434-90-02-149	Muscovite	1.000	NULL	NULL	132.97	core	
Stewart	7434-90-02				111.2	110.8	7434-90-02-148	Muscovite	1.000	NULL	NULL	107.82	core	
Stewart	7434-90-02				111.7	111.2	7434-90-02-147	Muscovite	1.000	NULL	NULL	108.79	core	
Stewart	7434-90-02				112.1	111.7	7434-90-02-146	Muscovite	1.000	NULL	NULL	150.58	core	
Stewart	7434-90-02				112.6	112.1	7434-90-02-145	Muscovite	0.839	Dickite	0.161	77.647	core	
Stewart	7434-90-02				113.0	112.6	7434-90-02-144	Muscovite	1.000	NULL	NULL	82.418	core	
Stewart	7434-90-02				113.5	113.0	7434-90-02-143	Muscovite	1.000	NULL	NULL	121.07	core	
Stewart	7434-90-02				113.9	113.5	7434-90-02-142	Muscovite	0.696	Pyrophyllite	0.304	140.81	core	
Stewart	7434-90-02				114.4	113.9	7434-90-02-141	Muscovite	0.547	Pyrophyllite	0.453	87.042	core	
Stewart	7434-90-02	19	109.3	114.8	114.8	114.4	7434-90-02-140	Muscovite	1.000	NULL	NULL	59.928	core	
Stewart	7434-90-02				115.0	114.8	7434-90-02-139	Muscovite	1.000	NULL	NULL	103.80	core	
Stewart	7434-90-02				115.4	115.0	7434-90-02-138	Paragonite	0.647	Pyrophyllite	0.353	90.855	core	
Stewart	7434-90-02				115.9	115.4	7434-90-02-137	Muscovite	1.000	NULL	NULL	114.84	core	
Stewart	7434-90-02				116.4	115.9	7434-90-02-136	Muscovite	1.000	NULL	NULL	108.87	core	
Stewart	7434-90-02				116.9	116.4	7434-90-02-135	Muscovite	1.000	NULL	NULL	90.978	core	
Stewart	7434-90-02				117.4	116.9	7434-90-02-134	Muscovite	1.000	NULL	NULL	120.94	core	
Stewart	7434-90-02				117.9	117.4	7434-90-02-133	Muscovite	1.000	NULL	NULL	79.702	core	
Stewart	7434-90-02				118.4	117.9	7434-90-02-132	Muscovite	1.000	NULL	NULL	123.69	core	
Stewart	7434-90-02				118.9	118.4	7434-90-02-131	Muscovite	0.561	Pyrophyllite	0.439	79.033	core	
Stewart	7434-90-02				119.4	118.9	7434-90-02-130	Muscovite	0.574	Pyrophyllite	0.426	83.169	core	
Stewart	7434-90-02				119.9	119.4	7434-90-02-129	Muscovite	0.588	Pyrophyllite	0.412	103.04	core	
Stewart	7434-90-02	20	114.8	120.4	120.4	119.9	7434-90-02-128	Pyrophyllite	0.553	Muscovite	0.447	88.784	core	
Stewart	7434-90-02				120.9	120.4	7434-90-02-127	Dickite	0.652	Pyrophyllite	0.348	69.598	core	
Stewart	7434-90-02				121.3	120.9	7434-90-02-126	Pyrophyllite	0.597	Dickite	0.403	85.069	core	
Stewart	7434-90-02				121.8	121.3	7434-90-02-125	Muscovite	0.521	Pyrophyllite	0.479	46.059	core	
Stewart	7434-90-02				122.2	121.8	7434-90-02-124	Muscovite	0.687	Pyrophyllite	0.313	78.917	core	
Stewart	7434-90-02				122.7	122.2	7434-90-02-123	Muscovite	0.849	Pyrophyllite	0.151	68.609	core	
Stewart	7434-90-02				123.1	122.7	7434-90-02-122	Muscovite	1.000	NULL	NULL	202.28	core	
Stewart	7434-90-02				123.7	123.1	7434-90-02-121	Muscovite	0.694	Pyrophyllite	0.306	92.480	core	
Stewart	7434-90-02				124.2	123.7	7434-90-02-120	Muscovite	0.575	Pyrophyllite	0.425	115.94	core	
Stewart	7434-90-02				124.7	124.2	7434-90-02-119	Muscovite	0.715	Pyrophyllite	0.285	94.351	core	
Stewart	7434-90-02				125.3	124.7	7434-90-02-118	Muscovite	1.000	NULL	NULL	105.22	core	
Stewart	7434-90-02				125.7	125.3	7434-90-02-117	Muscovite	1.000	NULL	NULL	216.57	core	
Stewart	7434-90-02	21	120.4	126.1	126.1	125.7	7434-90-02-116	Muscovite	0.764	Pyrophyllite	0.236	53.534	core	
Stewart	7434-90-02				126.5	126.1	7434-90-02-115	Dickite	0.677	Pyrophyllite	0.323	70.341	core	
Stewart	7434-90-02				126.9	126.5	7434-90-02-114	Muscovite	0.840	Dickite	0.160	91.654	core	
Stewart	7434-90-02				127.3	126.9	7434-90-02-113	Muscovite	1.000	NULL	NULL	89.588	core	
Stewart	7434-90-02				127.7	127.3	7434-90-02-112	Muscovite	0.644	Dickite	0.356	38.946	core	
Stewart	7434-90-02				128.1	127.7	7434-90-02-111	Muscovite	1.000	NULL	NULL	238.32	core	
Stewart	7434-90-02				128.6	128.1	7434-90-02-110	Muscovite	1.000	NULL	NULL	103.96	core	
Stewart	7434-90-02				129.1	128.6	7434-90-02-109	Muscovite	0.722	Dickite	0.278	79.158	core	
Stewart	7434-90-02				129.6	129.1	7434-90-02-108	Muscovite	0.716	Siderite	0.284	60.019	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				130.1	129.6	7434-90-02-107	Muscovite	0.770	Dickite	0.230	34.172	core	
Stewart	7434-90-02				130.6	130.1	7434-90-02-106	Muscovite	1.000	NULL	NULL	105.19	core	
Stewart	7434-90-02				131.1	130.6	7434-90-02-105	Muscovite	0.796	Dickite	0.204	67.804	core	
Stewart	7434-90-02	22	126.1	131.8	131.8	131.1	7434-90-02-104	Muscovite	1.000	NULL	NULL	160.35	core	
Stewart	7434-90-02				132.3	131.8	7434-90-02-103	Muscovite	1.000	NULL	NULL	69.600	core	
Stewart	7434-90-02				132.7	132.3	7434-90-02-102	Muscovite	1.000	NULL	NULL	42.676	core	
Stewart	7434-90-02				133.1	132.7	7434-90-02-101	Muscovite	1.000	NULL	NULL	116.24	core	
Stewart	7434-90-02				133.5	133.1	7434-90-02-100	Muscovite	1.000	NULL	NULL	135.14	core	
Stewart	7434-90-02				134.0	133.5	7434-90-02-099	Muscovite	0.814	Pyrophyllite	0.186	59.321	core	
Stewart	7434-90-02				134.5	134.0	7434-90-02-098	Muscovite	1.000	NULL	NULL	200.88	core	
Stewart	7434-90-02				135.0	134.5	7434-90-02-097	Pyrophyllite	0.533	Muscovite	0.467	127.78	core	
Stewart	7434-90-02				135.5	135.0	7434-90-02-096	Muscovite	0.594	Pyrophyllite	0.406	97.763	core	
Stewart	7434-90-02				136.0	135.5	7434-90-02-095	Muscovite	0.684	Pyrophyllite	0.316	112.73	core	
Stewart	7434-90-02				136.5	136.0	7434-90-02-094	Pyrophyllite	0.547	Muscovite	0.453	67.778	core	
Stewart	7434-90-02				137.0	136.5	7434-90-02-093	Muscovite	0.565	Pyrophyllite	0.435	52.297	core	
Stewart	7434-90-02	23	131.8	137.5	137.5	137.0	7434-90-02-092	Muscovite	0.764	Pyrophyllite	0.236	110.97	core	
Stewart	7434-90-02				137.9	137.5	7434-90-02-090	Muscovite	0.690	Pyrophyllite	0.310	190.12	core	
Stewart	7434-90-02				138.3	137.9	7434-90-02-089	Pyrophyllite	0.512	Muscovite	0.488	140.04	core	
Stewart	7434-90-02				138.7	138.3	7434-90-02-088	Dickite	0.565	Pyrophyllite	0.435	60.620	core	
Stewart	7434-90-02				139.1	138.7	7434-90-02-087	Dickite	0.821	Pyrophyllite	0.179	102.84	core	rusty hairline veins
Stewart	7434-90-02				139.8	139.1	7434-90-02-086	Pyrophyllite	0.522	Muscovite	0.478	53.122	core	
Stewart	7434-90-02				140.5	139.8	7434-90-02-085	Muscovite	0.516	Pyrophyllite	0.484	75.323	core	
Stewart	7434-90-02				141.0	140.5	7434-90-02-084	Muscovite	0.613	Pyrophyllite	0.387	154.63	core	
Stewart	7434-90-02				141.4	141.0	7434-90-02-083	Muscovite	0.549	Pyrophyllite	0.451	23.222	core	
Stewart	7434-90-02				141.9	141.4	7434-90-02-082	Muscovite	0.652	Pyrophyllite	0.348	21.459	core	
Stewart	7434-90-02				142.3	141.9	7434-90-02-081	Dickite	0.721	Pyrophyllite	0.279	45.614	core	
Stewart	7434-90-02				142.8	142.3	7434-90-02-080	Muscovite	0.513	Pyrophyllite	0.487	61.247	core	
Stewart	7434-90-02	24	137.5	143.2	143.2	142.8	7434-90-02-079	Muscovite	0.513	Pyrophyllite	0.487	119.97	core	
Stewart	7434-90-02				143.7	143.2	7434-90-02-078	Pyrophyllite	0.578	Muscovite	0.422	87.405	core	
Stewart	7434-90-02				144.1	143.7	7434-90-02-077	Pyrophyllite	0.595	Muscovite	0.405	47.369	core	
Stewart	7434-90-02				144.8	144.1	7434-90-02-076	Muscovite	0.512	Pyrophyllite	0.488	71.123	core	
Stewart	7434-90-02				145.2	144.8	7434-90-02-075	Dickite	0.569	Pyrophyllite	0.431	158.47	core	
Stewart	7434-90-02				145.7	145.2	7434-90-02-074	Muscovite	0.571	Pyrophyllite	0.429	115.93	core	
Stewart	7434-90-02				146.1	145.7	7434-90-02-073	Pyrophyllite	0.503	Muscovite	0.497	112.33	core	
Stewart	7434-90-02				146.7	146.1	7434-90-02-072	Muscovite	0.529	Pyrophyllite	0.471	58.721	core	
Stewart	7434-90-02				147.1	146.7	7434-90-02-071	Pyrophyllite	0.524	Muscovite	0.476	109.14	core	
Stewart	7434-90-02				147.6	147.1	7434-90-02-070	Muscovite	0.531	Pyrophyllite	0.469	119.37	core	
Stewart	7434-90-02				148.0	147.6	7434-90-02-069	Muscovite	0.519	Pyrophyllite	0.481	114.63	core	
Stewart	7434-90-02				148.5	148.0	7434-90-02-068	Muscovite	0.582	Pyrophyllite	0.418	167.59	core	
Stewart	7434-90-02	25	143.2	148.9	148.9	148.5	7434-90-02-067	Muscovite	0.523	Pyrophyllite	0.477	61.575	core	
Stewart	7434-90-02				149.1	148.9	7434-90-02-066	Pyrophyllite	0.500	Muscovite	0.500	82.848	core	
Stewart	7434-90-02				149.8	149.1	7434-90-02-065	Muscovite	0.639	Pyrophyllite	0.361	81.095	core	
Stewart	7434-90-02				150.3	149.8	7434-90-02-064	Muscovite	1.000	NULL	NULL	68.881	core	
Stewart	7434-90-02				150.8	150.3	7434-90-02-063	Muscovite	0.809	Pyrophyllite	0.191	93.458	core	
Stewart	7434-90-02				151.3	150.8	7434-90-02-062	Muscovite	1.000	NULL	NULL	67.914	core	
Stewart	7434-90-02				151.8	151.3	7434-90-02-061	Muscovite	0.778	Dickite	0.222	42.348	core	
Stewart	7434-90-02				152.3	151.8	7434-90-02-060	Muscovite	0.832	Dickite	0.168	66.378	core	
Stewart	7434-90-02				152.8	152.3	7434-90-02-059	Chlorite-Fe	0.786	Muscovite	0.214	54.198	core	
Stewart	7434-90-02				153.3	152.8	7434-90-02-058	Muscovite	1.000	NULL	NULL	87.776	core	
Stewart	7434-90-02				153.8	153.3	7434-90-02-057	Muscovite	1.000	NULL	NULL	62.742	core	
Stewart	7434-90-02				154.3	153.8	7434-90-02-056	Muscovite	1.000	NULL	NULL	170.89	core	
Stewart	7434-90-02	26	148.9	154.8	154.8	154.3	7434-90-02-055	Muscovite	0.791	Pyrophyllite	0.209	83.579	core	
Stewart	7434-90-02				155.3	154.8	7434-90-02-054	Muscovite	1.000	NULL	NULL	52.116	core	
Stewart	7434-90-02				155.8	155.3	7434-90-02-053	Muscovite	0.807	Pyrophyllite	0.193	114.62	core	
Stewart	7434-90-02				156.2	155.8	7434-90-02-052	Muscovite	1.000	NULL	NULL	46.704	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	7434-90-02				156.7	156.2	7434-90-02-051	Muscovite	0.784	Pyrophyllite	0.216	73.405	core	
Stewart	7434-90-02				157.1	156.7	7434-90-02-050	Muscovite	0.823	Pyrophyllite	0.177	121.40	core	
Stewart	7434-90-02				157.8	157.1	7434-90-02-049	Muscovite	1.000	NULL	NULL	41.916	core	
Stewart	7434-90-02				158.2	157.8	7434-90-02-048	Muscovite	0.624	Siderite	0.376	26.158	core	
Stewart	7434-90-02				158.8	158.2	7434-90-02-047	Muscovite	1.000	NULL	NULL	63.685	core	
Stewart	7434-90-02				159.2	158.8	7434-90-02-046	Muscovite	0.712	Dickite	0.288	44.609	core	
Stewart	7434-90-02				159.7	159.2	7434-90-02-045	Muscovite	1.000	NULL	NULL	44.761	core	
Stewart	7434-90-02				160.1	159.7	7434-90-02-044	Muscovite	1.000	NULL	NULL	75.356	core	
Stewart	7434-90-02	27	154.8	160.7	160.7	160.1	7434-90-02-043	Muscovite	1.000	NULL	NULL	61.195	core	
Stewart	7434-90-02				160.6	160.7	7434-90-02-042	Muscovite	1.000	NULL	NULL	140.25	core	
Stewart	7434-90-02				161.1	160.6	7434-90-02-041	Muscovite	0.822	Dickite	0.178	87.319	core	
Stewart	7434-90-02				161.7	161.1	7434-90-02-040	Muscovite	1.000	NULL	NULL	52.237	core	
Stewart	7434-90-02				162.2	161.7	7434-90-02-039	Muscovite	0.582	Pyrophyllite	0.418	70.366	core	
Stewart	7434-90-02				162.8	162.2	7434-90-02-038	Muscovite	0.517	Pyrophyllite	0.483	105.99	core	
Stewart	7434-90-02				163.3	162.8	7434-90-02-037	Pyrophyllite	0.676	Muscovite	0.324	35.010	core	
Stewart	7434-90-02				163.9	163.3	7434-90-02-036	Muscovite	0.676	Pyrophyllite	0.324	70.818	core	
Stewart	7434-90-02				164.4	163.9	7434-90-02-035	Dickite	0.665	Muscovite	0.335	39.599	core	
Stewart	7434-90-02				165.0	164.4	7434-90-02-034	Muscovite	0.690	Pyrophyllite	0.310	55.808	core	
Stewart	7434-90-02				165.5	165.0	7434-90-02-033	Muscovite	0.755	Pyrophyllite	0.245	73.172	core	
Stewart	7434-90-02				166.1	165.5	7434-90-02-032	Muscovite	0.699	Pyrophyllite	0.301	67.741	core	
Stewart	7434-90-02	28	160.7	166.6	166.6	166.1	7434-90-02-031	Pyrophyllite	0.772	Dickite	0.228	57.074	core	
Stewart	7434-90-02				166.0	166.6	7434-90-02-030	Pyrophyllite	0.653	Muscovite	0.347	62.324	core	
Stewart	7434-90-02				166.5	166.0	7434-90-02-029	Muscovite	0.774	Pyrophyllite	0.226	73.699	core	
Stewart	7434-90-02				167.0	166.5	7434-90-02-028	Muscovite	0.549	Zoisite	0.451	47.620	core	
Stewart	7434-90-02				167.5	167.0	7434-90-02-027	Pyrophyllite	0.637	Muscovite	0.363	52.365	core	
Stewart	7434-90-02				168.0	167.5	7434-90-02-026	Muscovite	1.000	NULL	NULL	74.337	core	
Stewart	7434-90-02				168.5	168.0	7434-90-02-025	Muscovite	0.723	Pyrophyllite	0.277	69.527	core	
Stewart	7434-90-02				169.0	168.5	7434-90-02-024	Muscovite	0.718	Pyrophyllite	0.282	106.97	core	
Stewart	7434-90-02				169.5	169.0	7434-90-02-023	Muscovite	0.843	Pyrophyllite	0.157	99.656	core	
Stewart	7434-90-02				170.0	169.5	7434-90-02-022	Muscovite	0.756	Pyrophyllite	0.244	88.621	core	
Stewart	7434-90-02				170.7	170.0	7434-90-02-021	Muscovite	0.848	Pyrophyllite	0.152	82.177	core	
Stewart	7434-90-02				171.4	170.7	7434-90-02-020	Muscovite	1.000	NULL	NULL	103.91	core	
Stewart	7434-90-02	29	166.6	172.1	172.1	171.4	7434-90-02-019	Muscovite	1.000	NULL	NULL	82.986	core	
Stewart	7434-90-02				172.6	172.1	7434-90-02-018	Muscovite	1.000	NULL	NULL	122.28	core	
Stewart	7434-90-02				173.0	172.6	7434-90-02-017	Muscovite	1.000	NULL	NULL	68.013	core	
Stewart	7434-90-02				173.4	173.0	7434-90-02-016	Muscovite	1.000	NULL	NULL	86.561	core	
Stewart	7434-90-02				173.9	173.4	7434-90-02-015	Muscovite	1.000	NULL	NULL	62.375	core	
Stewart	7434-90-02				174.3	173.9	7434-90-02-014	Muscovite	1.000	NULL	NULL	75.847	core	
Stewart	7434-90-02				174.7	174.3	7434-90-02-013	Muscovite	1.000	NULL	NULL	91.852	core	
Stewart	7434-90-02				175.1	174.7	7434-90-02-012	Dickite	0.716	Paragonite	0.284	146.13	gouge	
Stewart	7434-90-02				175.5	175.1	7434-90-02-011	Muscovite	0.836	Dickite	0.164	85.855	core	
Stewart	7434-90-02				175.9	175.5	7434-90-02-010	Muscovite	1.000	NULL	NULL	176.15	core	
Stewart	7434-90-02				176.3	175.9	7434-90-02-009	Muscovite	0.628	Pyrophyllite	0.372	97.252	core	
Stewart	7434-90-02				176.7	176.3	7434-90-02-008	Dickite	0.699	Pyrophyllite	0.301	38.756	core	
Stewart	7434-90-02				177.1	176.7	7434-90-02-007	Pyrophyllite	0.620	Muscovite	0.380	53.505	core	
Stewart	7434-90-02				177.5	177.1	7434-90-02-006	Pyrophyllite	0.575	Muscovite	0.425	56.175	core	
Stewart	7434-90-02				177.9	177.5	7434-90-02-005	Muscovite	0.831	Pyrophyllite	0.169	72.695	core	
Stewart	7434-90-02				178.3	177.9	7434-90-02-004	Dickite	0.722	Paragonite	0.278	75.597	core	
Stewart	7434-90-02				178.7	178.3	7434-90-02-003	Muscovite	0.724	Pyrophyllite	0.276	126.99	core	
Stewart	7434-90-02				179.1	178.7	7434-90-02-002	Muscovite	0.836	Pyrophyllite	0.164	87.912	core	
Stewart	7434-90-02	31	177.8	179.5	179.5	179.1	7434-90-02-001	Muscovite	0.503	Pyrophyllite	0.497	91.327	core	End of DHH 7434-90-02
Stewart	ST-11-01	1	4.6	9.33	4.88	5.43	ST11-01.001	Pyrophyllite	0.761	Muscovite	0.239	28.436	core	
Stewart	ST-11-01				5.43	5.98	ST11-01.002	Muscovite	0.516	Pyrophyllite	0.484	54.575	core	
Stewart	ST-11-01				5.98	6.53	ST11-01.003	Pyrophyllite	0.566	Muscovite	0.434	57.545	core	
Stewart	ST-11-01				6.53	7.08	ST11-01.004	Pyrophyllite	0.771	Paragonite	0.229	39.339	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				7.08	7.63	ST11-01.005	Pyrophyllite	0.594	Dickite	0.406	61.984	core	
Stewart	ST-11-01				7.63	8.18	ST11-01.006	Pyrophyllite	0.825	Paragonite	0.175	43.852	core	
Stewart	ST-11-01				8.18	8.73	ST11-01.007	Pyrophyllite	0.739	Muscovite	0.261	45.543	core	
Stewart	ST-11-01				8.73	9.33	ST11-01.008	Pyrophyllite	0.701	Muscovite	0.299	51.718	core	
Stewart	ST-11-01				9.33	9.75	ST11-01.009	Pyrophyllite	0.815	Muscovite	0.185	38.994	core	
Stewart	ST-11-01	2	9.33	13.46	9.75	10.22	ST11-01.010	Paragonite	0.548	Pyrophyllite	0.452	51.098	core	
Stewart	ST-11-01				10.22	10.69	ST11-01.011	Pyrophyllite	0.620	Muscovite	0.380	40.382	core	
Stewart	ST-11-01				10.69	11.16	ST11-01.012	Pyrophyllite	0.615	Muscovite	0.385	57.735	core	
Stewart	ST-11-01				11.16	11.63	ST11-01.013	Pyrophyllite	0.798	Muscovite	0.202	37.984	core	
Stewart	ST-11-01				11.63	12.10	ST11-01.014	Pyrophyllite	0.780	Muscovite	0.220	33.636	core	
Stewart	ST-11-01				12.10	12.57	ST11-01.015	Pyrophyllite	0.737	Dickite	0.263	65.758	core	
Stewart	ST-11-01				12.57	13.04	ST11-01.016	Pyrophyllite	0.755	Dickite	0.245	57.780	gouge	
Stewart	ST-11-01				13.04	13.46	ST11-01.017	Pyrophyllite	0.762	Kaolinite-PX	0.238	42.105	core	
Stewart	ST-11-01				13.46	13.80	ST11-01.018	Pyrophyllite	0.571	Dickite	0.429	91.852	core	
Stewart	ST-11-01	3	13.46	17.5	13.80	14.30	ST11-01.019	Paragonite	0.647	Pyrophyllite	0.353	56.059	core	
Stewart	ST-11-01				14.30	14.80	ST11-01.020	Pyrophyllite	0.773	Paragonite	0.227	43.587	core	
Stewart	ST-11-01				14.80	15.30	ST11-01.021	Pyrophyllite	0.728	Paragonite	0.272	56.656	core	
Stewart	ST-11-01				15.30	15.80	ST11-01.022	Diaspore	0.516	Paragonite	0.484	44.166	core	
Stewart	ST-11-01				15.80	16.30	ST11-01.023	Pyrophyllite	0.632	Muscovite	0.368	43.660	core	
Stewart	ST-11-01				16.30	16.80	ST11-01.024	Pyrophyllite	0.552	Paragonite	0.448	56.392	core	
Stewart	ST-11-01				16.80	17.20	ST11-01.025	Pyrophyllite	0.794	Paragonite	0.206	31.090	core	
Stewart	ST-11-01				17.20	17.50	ST11-01.026	Pyrophyllite	0.643	Paragonite	0.357	52.232	core	
Stewart	ST-11-01				17.50	18.00	ST11-01.027	Pyrophyllite	1.000	NULL	NULL	35.787	core	
Stewart	ST-11-01	4	17.5	21.55	18.00	18.45	ST11-01.028	Pyrophyllite	1.000	NULL	NULL	55.718	core	
Stewart	ST-11-01				18.45	18.90	ST11-01.029	Pyrophyllite	1.000	NULL	NULL	60.439	core	
Stewart	ST-11-01				18.90	19.35	ST11-01.030	Pyrophyllite	1.000	NULL	NULL	62.866	core	
Stewart	ST-11-01				19.35	19.80	ST11-01.031	Pyrophyllite	1.000	NULL	NULL	47.172	core	
Stewart	ST-11-01				19.80	20.25	ST11-01.032	Pyrophyllite	0.808	Paragonite	0.192	39.101	core	
Stewart	ST-11-01				20.25	20.70	ST11-01.033	Pyrophyllite	0.804	Dickite	0.196	32.959	core	
Stewart	ST-11-01				20.70	21.15	ST11-01.034	Pyrophyllite	0.803	Muscovite	0.197	39.376	core	
Stewart	ST-11-01				21.15	21.55	ST11-01.035	Pyrophyllite	1.000	NULL	NULL	43.615	core	
Stewart	ST-11-01				21.55	22.00	ST11-01.036	Pyrophyllite	1.000	NULL	NULL	39.020	core	
Stewart	ST-11-01	5	21.55	25.6	22.00	22.45	ST11-01.037	Pyrophyllite	1.000	NULL	NULL	30.987	core	
Stewart	ST-11-01				22.45	22.90	ST11-01.038	Pyrophyllite	1.000	NULL	NULL	43.374	core	
Stewart	ST-11-01				22.90	23.35	ST11-01.039	Pyrophyllite	1.000	NULL	NULL	42.051	core	
Stewart	ST-11-01				23.35	23.80	ST11-01.040	Pyrophyllite	1.000	NULL	NULL	40.810	core	
Stewart	ST-11-01				23.80	24.25	ST11-01.041	Pyrophyllite	1.000	NULL	NULL	34.049	core	
Stewart	ST-11-01				24.25	24.70	ST11-01.042	Pyrophyllite	0.848	Paragonite	0.152	22.973	core	
Stewart	ST-11-01				24.70	25.15	ST11-01.043	Pyrophyllite	0.799	Paragonite	0.201	46.086	core	
Stewart	ST-11-01				25.15	25.60	ST11-01.044	Pyrophyllite	0.821	Kaolinite-PX	0.179	33.816	core	
Stewart	ST-11-01				25.60	26.10	ST11-01.045	Pyrophyllite	1.000	NULL	NULL	75.312	core	
Stewart	ST-11-01	6	25.6	29.6	26.10	26.55	ST11-01.046	Pyrophyllite	0.834	Muscovite	0.166	30.065	core	
Stewart	ST-11-01				26.55	27.00	ST11-01.047	Pyrophyllite	1.000	NULL	NULL	26.631	core	
Stewart	ST-11-01				27.00	27.45	ST11-01.048	Pyrophyllite	0.821	Paragonite	0.179	34.501	core	
Stewart	ST-11-01				27.45	27.90	ST11-01.049	Pyrophyllite	1.000	NULL	NULL	61.450	core	
Stewart	ST-11-01				27.90	28.30	ST11-01.050	Pyrophyllite	0.594	Muscovite	0.406	44.940	core	
Stewart	ST-11-01				28.30	28.75	ST11-01.051	Pyrophyllite	0.625	Muscovite	0.375	39.382	core	
Stewart	ST-11-01				28.75	29.20	ST11-01.052	Pyrophyllite	0.629	Paragonite	0.371	64.915	core	
Stewart	ST-11-01				29.20	29.60	ST11-01.053	Pyrophyllite	0.738	Muscovite	0.262	32.155	core	
Stewart	ST-11-01				29.60	30.05	ST11-01.054	Pyrophyllite	0.811	Paragonite	0.189	28.811	core	
Stewart	ST-11-01	7	29.6	33.8	30.05	30.50	ST11-01.055	Pyrophyllite	0.689	Muscovite	0.311	35.633	core	
Stewart	ST-11-01				30.50	30.95	ST11-01.056	Pyrophyllite	1.000	NULL	NULL	32.985	core	
Stewart	ST-11-01				30.95	31.40	ST11-01.057	Pyrophyllite	0.765	Muscovite	0.235	28.809	core	
Stewart	ST-11-01				31.40	31.85	ST11-01.058	Pyrophyllite	0.564	Muscovite	0.436	45.526	core	
Stewart	ST-11-01				31.85	32.30	ST11-01.059	Pyrophyllite	0.733	Paragonite	0.267	51.979	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				32.30	32.75	ST11-01.060	Pyrophyllite	0.843	Kaolinite-PX	0.157	42.314	core	
Stewart	ST-11-01				32.75	33.20	ST11-01.061	Pyrophyllite	0.540	Muscoviticllite	0.460	76.151	core	
Stewart	ST-11-01				33.20	33.80	ST11-01.062	Pyrophyllite	0.786	Paragonite	0.214	51.262	core	
Stewart	ST-11-01				33.80	34.20	ST11-01.063	Pyrophyllite	0.816	Paragonite	0.184	31.937	core	
Stewart	ST-11-01	8	33.8	37.9	34.20	34.65	ST11-01.064	Muscovite	0.777	Pyrophyllite	0.223	92.775	core	
Stewart	ST-11-01				34.65	35.10	ST11-01.065	Muscovite	0.755	Pyrophyllite	0.245	73.930	core	
Stewart	ST-11-01				35.10	35.55	ST11-01.066	Pyrophyllite	0.835	Muscovite	0.165	34.675	core	
Stewart	ST-11-01				35.55	36.00	ST11-01.067	Pyrophyllite	1.000	NULL	NULL	43.637	core	
Stewart	ST-11-01				36.00	36.45	ST11-01.068	Pyrophyllite	1.000	NULL	NULL	37.815	core	
Stewart	ST-11-01				36.45	36.90	ST11-01.069	Pyrophyllite	1.000	NULL	NULL	53.251	core	
Stewart	ST-11-01				36.90	37.35	ST11-01.070	Pyrophyllite	0.634	Dickite	0.366	71.872	core	
Stewart	ST-11-01				37.35	37.90	ST11-01.071	Pyrophyllite	1.000	NULL	NULL	39.565	core	
Stewart	ST-11-01				37.90	38.30	ST11-01.072	Pyrophyllite	1.000	NULL	NULL	43.846	core	
Stewart	ST-11-01	9	37.9	41.6	38.30	38.70	ST11-01.073	Pyrophyllite	0.833	Dickite	0.167	42.293	core	
Stewart	ST-11-01				38.70	39.10	ST11-01.074	Pyrophyllite	1.000	NULL	NULL	33.740	core	
Stewart	ST-11-01				39.10	39.50	ST11-01.075	Pyrophyllite	1.000	NULL	NULL	36.903	core	
Stewart	ST-11-01				39.50	39.90	ST11-01.076	Pyrophyllite	1.000	NULL	NULL	41.714	core	
Stewart	ST-11-01				39.90	40.20	ST11-01.077	Pyrophyllite	0.769	Kaolinite-WX	0.231	31.941	core	
Stewart	ST-11-01				40.20	40.65	ST11-01.078	Kaolinite-WX	0.525	Pyrophyllite	0.475	58.813	core	
Stewart	ST-11-01				40.65	41.10	ST11-01.079	Pyrophyllite	1.000	NULL	NULL	31.545	core	
Stewart	ST-11-01				41.10	41.60	ST11-01.080	Pyrophyllite	1.000	NULL	NULL	38.915	core	
Stewart	ST-11-01				41.60	42.05	ST11-01.081	Pyrophyllite	0.841	Dickite	0.159	26.357	core	
Stewart	ST-11-01	10	41.6	45.4	42.05	42.30	ST11-01.082	Pyrophyllite	1.000	NULL	NULL	36.051	core	
Stewart	ST-11-01				42.30	42.75	ST11-01.083	Pyrophyllite	1.000	NULL	NULL	36.173	core	
Stewart	ST-11-01				42.75	43.20	ST11-01.084	Pyrophyllite	1.000	NULL	NULL	27.153	core	
Stewart	ST-11-01				43.20	43.65	ST11-01.085	Pyrophyllite	1.000	NULL	NULL	35.458	core	
Stewart	ST-11-01				43.65	44.10	ST11-01.086	Pyrophyllite	1.000	NULL	NULL	36.078	core	
Stewart	ST-11-01				44.10	44.55	ST11-01.087	Pyrophyllite	1.000	NULL	NULL	37.879	core	
Stewart	ST-11-01				44.55	45.00	ST11-01.088	Pyrophyllite	1.000	NULL	NULL	52.778	core	
Stewart	ST-11-01				45.00	45.40	ST11-01.089	Pyrophyllite	0.835	Dickite	0.165	33.389	core	
Stewart	ST-11-01				45.40	45.85	ST11-01.090	Pyrophyllite	1.000	NULL	NULL	37.489	core	
Stewart	ST-11-01	11	45.4	49.35	45.85	46.30	ST11-01.091	Pyrophyllite	1.000	NULL	NULL	36.465	core	
Stewart	ST-11-01				46.30	46.75	ST11-01.092	Pyrophyllite	0.812	Muscovite	0.188	34.182	core	
Stewart	ST-11-01				46.75	47.20	ST11-01.093	Pyrophyllite	1.000	NULL	NULL	32.637	core	
Stewart	ST-11-01				47.20	47.65	ST11-01.094	Pyrophyllite	0.813	Kaolinite-WX	0.187	41.419	core	
Stewart	ST-11-01				47.65	48.10	ST11-01.095	Pyrophyllite	0.843	Kaolinite-WX	0.157	47.228	core	
Stewart	ST-11-01				48.10	48.55	ST11-01.096	Pyrophyllite	1.000	NULL	NULL	65.204	core	
Stewart	ST-11-01				48.55	49.00	ST11-01.097	Pyrophyllite	1.000	NULL	NULL	39.539	core	
Stewart	ST-11-01				49.00	49.35	ST11-01.098	Pyrophyllite	0.603	Muscovite	0.397	49.832	core	
Stewart	ST-11-01				49.35	49.80	ST11-01.099	Pyrophyllite	1.000	NULL	NULL	29.630	core	
Stewart	ST-11-01	12	49.35	53.1	49.80	50.20	ST11-01.100	Pyrophyllite	0.677	Dickite	0.323	30.380	core	
Stewart	ST-11-01				50.20	50.60	ST11-01.101	Pyrophyllite	1.000	NULL	NULL	52.816	core	
Stewart	ST-11-01				50.60	51.00	ST11-01.102	Pyrophyllite	1.000	NULL	NULL	57.838	core	
Stewart	ST-11-01				51.00	51.40	ST11-01.103	Pyrophyllite	0.848	Kaolinite-PX	0.152	46.699	core	
Stewart	ST-11-01				51.40	51.80	ST11-01.104	Pyrophyllite	1.000	NULL	NULL	40.378	core	
Stewart	ST-11-01				51.80	52.20	ST11-01.105	Pyrophyllite	1.000	NULL	NULL	50.444	core	
Stewart	ST-11-01				52.20	52.60	ST11-01.106	Pyrophyllite	1.000	NULL	NULL	67.734	core	
Stewart	ST-11-01				52.60	53.10	ST11-01.107	Pyrophyllite	1.000	NULL	NULL	32.696	core	
Stewart	ST-11-01				53.10	53.50	ST11-01.108	Pyrophyllite	1.000	NULL	NULL	29.652	core	
Stewart	ST-11-01	13	53.1	56.84	53.50	53.95	ST11-01.109	Pyrophyllite	1.000	NULL	NULL	37.693	core	
Stewart	ST-11-01				53.95	54.40	ST11-01.110	Pyrophyllite	1.000	NULL	NULL	32.271	core	
Stewart	ST-11-01				54.40	54.85	ST11-01.111	Pyrophyllite	1.000	NULL	NULL	28.997	core	
Stewart	ST-11-01				54.85	55.30	ST11-01.112	Pyrophyllite	1.000	NULL	NULL	31.916	core	
Stewart	ST-11-01				55.30	55.75	ST11-01.113	Pyrophyllite	0.845	Dickite	0.155	29.322	core	
Stewart	ST-11-01				55.75	56.20	ST11-01.114	Pyrophyllite	0.764	Dickite	0.236	41.621	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				56.20	56.60	ST11-01.115	Pyrophyllite	0.778	Muscovite	0.222	35.674	core	
Stewart	ST-11-01				56.60	56.84	ST11-01.116	Muscovite	0.529	Pyrophyllite	0.471	47.276	core	
Stewart	ST-11-01				56.84	57.20	ST11-01.117	Muscovite	0.566	Pyrophyllite	0.434	56.262	core	
Stewart	ST-11-01	14	56.84	60.63	57.20	57.65	ST11-01.118	Pyrophyllite	0.530	Muscovite	0.470	38.524	core	
Stewart	ST-11-01				57.65	58.10	ST11-01.119	Pyrophyllite	0.839	Kaolinite-PX	0.161	30.922	core	
Stewart	ST-11-01				58.10	58.55	ST11-01.120	Pyrophyllite	0.786	Kaolinite-PX	0.214	60.103	core	
Stewart	ST-11-01				58.55	59.00	ST11-01.121	Pyrophyllite	0.765	Kaolinite-WX	0.235	35.227	core	
Stewart	ST-11-01				59.00	59.45	ST11-01.122	Pyrophyllite	0.850	Muscovite	0.150	31.593	core	
Stewart	ST-11-01				59.45	59.90	ST11-01.123	Pyrophyllite	0.812	Paragonite	0.188	31.862	core	
Stewart	ST-11-01				59.90	60.35	ST11-01.124	Pyrophyllite	0.723	Muscovite	0.277	25.322	core	
Stewart	ST-11-01				60.35	60.63	ST11-01.125	Pyrophyllite	0.638	Kaolinite-WX	0.362	33.027	core	
Stewart	ST-11-01				60.63	61.13	ST11-01.126	Pyrophyllite	0.607	Muscovite	0.393	34.440	core	
Stewart	ST-11-01	15	60.63	65.1	61.13	61.63	ST11-01.127	Pyrophyllite	1.000	NULL	NULL	41.715	core	
Stewart	ST-11-01				61.63	62.13	ST11-01.128	Muscovite	0.683	Pyrophyllite	0.317	40.885	core	
Stewart	ST-11-01				62.13	62.80	ST11-01.129	Pyrophyllite	0.790	Paragonite	0.210	48.401	core	
Stewart	ST-11-01				62.80	63.25	ST11-01.130	Muscovite	0.738	Pyrophyllite	0.262	52.624	core	
Stewart	ST-11-01				63.25	63.70	ST11-01.131	Muscovite	0.594	Pyrophyllite	0.406	51.971	core	
Stewart	ST-11-01				63.70	64.15	ST11-01.132	Muscovite	0.678	Pyrophyllite	0.322	76.943	core	
Stewart	ST-11-01				64.15	64.60	ST11-01.133	Muscovite	0.805	Pyrophyllite	0.195	45.860	core	
Stewart	ST-11-01				64.60	65.10	ST11-01.134	Muscovite	0.813	Pyrophyllite	0.187	42.700	core	
Stewart	ST-11-01				65.10	65.50	ST11-01.135	Muscovite	0.750	Pyrophyllite	0.250	57.713	core	
Stewart	ST-11-01	16	65.1	68.82	65.50	65.90	ST11-01.136	Muscovite	0.554	Pyrophyllite	0.446	56.560	core	
Stewart	ST-11-01				65.90	66.30	ST11-01.137	Pyrophyllite	0.773	Dickite	0.227	27.465	core	
Stewart	ST-11-01				66.30	66.67	ST11-01.138	Pyrophyllite	0.786	Dickite	0.214	34.236	core	
Stewart	ST-11-01				66.67	67.04	ST11-01.139	Muscovite	0.647	Pyrophyllite	0.353	40.269	core	
Stewart	ST-11-01				67.04	67.30	ST11-01.140	Pyrophyllite	0.683	Dickite	0.317	63.997	core	
Stewart	ST-11-01				67.30	67.70	ST11-01.141	Muscovite	0.658	Pyrophyllite	0.342	70.028	core	
Stewart	ST-11-01				67.70	68.10	ST11-01.142	Muscovite	0.749	Pyrophyllite	0.251	73.444	core	
Stewart	ST-11-01				68.10	68.82	ST11-01.143	Muscovite	0.665	Pyrophyllite	0.335	71.013	core	
Stewart	ST-11-01				68.82	69.27	ST11-01.144	Muscovite	0.611	Pyrophyllite	0.389	57.167	core	
Stewart	ST-11-01	17	68.82	73.03	69.27	69.72	ST11-01.145	Pyrophyllite	0.549	Dickite	0.451	41.187	core	
Stewart	ST-11-01				69.72	70.17	ST11-01.146	Pyrophyllite	0.512	Muscovite	0.488	51.375	core	
Stewart	ST-11-01				70.17	70.62	ST11-01.147	Muscovite	0.575	Pyrophyllite	0.425	55.905	core	
Stewart	ST-11-01				70.62	71.07	ST11-01.148	Muscovite	0.601	Pyrophyllite	0.399	65.639	core	
Stewart	ST-11-01				71.07	71.52	ST11-01.149	Muscovite	0.772	Pyrophyllite	0.228	74.325	core	
Stewart	ST-11-01				71.52	71.97	ST11-01.150	Muscovite	0.535	Pyrophyllite	0.465	42.126	core	
Stewart	ST-11-01				71.97	72.42	ST11-01.151	Muscovite	0.619	Pyrophyllite	0.381	59.982	core	
Stewart	ST-11-01				72.42	73.03	ST11-01.152	Muscovite	0.786	Pyrophyllite	0.214	51.106	core	
Stewart	ST-11-01				73.03	73.50	ST11-01.153	Muscovite	0.786	Pyrophyllite	0.214	64.143	core	
Stewart	ST-11-01	18	73.03	77.3	73.50	73.95	ST11-01.154	Muscovite	0.715	Pyrophyllite	0.285	53.989	core	
Stewart	ST-11-01				73.95	74.45	ST11-01.155	Muscovite	0.710	Pyrophyllite	0.290	57.255	core	
Stewart	ST-11-01				74.45	74.95	ST11-01.156	Muscovite	0.771	Pyrophyllite	0.229	41.800	core	
Stewart	ST-11-01				74.95	75.45	ST11-01.157	Muscovite	0.617	Pyrophyllite	0.383	56.308	core	
Stewart	ST-11-01				75.45	75.95	ST11-01.158	Muscovite	0.645	Pyrophyllite	0.355	54.536	core	
Stewart	ST-11-01				75.95	76.40	ST11-01.159	Muscovite	0.615	Pyrophyllite	0.385	41.699	core	
Stewart	ST-11-01				76.40	76.85	ST11-01.160	Pyrophyllite	0.790	Dickite	0.210	49.390	core	
Stewart	ST-11-01				76.85	77.30	ST11-01.161	Muscovite	0.665	Pyrophyllite	0.335	78.488	core	
Stewart	ST-11-01				77.30	77.70	ST11-01.162	Muscovite	0.765	Pyrophyllite	0.235	57.547	core	
Stewart	ST-11-01	19	77.3	81.15	77.70	78.10	ST11-01.163	Muscovite	0.548	Pyrophyllite	0.452	63.362	core	
Stewart	ST-11-01				78.10	78.50	ST11-01.164	Pyrophyllite	0.680	Muscovite	0.320	41.003	core	
Stewart	ST-11-01				78.50	78.90	ST11-01.165	Pyrophyllite	0.588	Muscovite	0.412	75.323	core	
Stewart	ST-11-01				78.90	79.35	ST11-01.166	Muscovite	0.611	Pyrophyllite	0.389	121.92	core	
Stewart	ST-11-01				79.35	79.80	ST11-01.167	Pyrophyllite	0.559	Muscovite	0.441	53.270	core	
Stewart	ST-11-01				79.80	80.25	ST11-01.168	Paragonite	0.700	Montmorillonite	0.300	72.777	core	
Stewart	ST-11-01				80.25	80.70	ST11-01.169	Pyrophyllite	0.632	Muscovite	0.368	42.174	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				80.70	81.15	ST11-01.170	Paragonite	1.000	NULL	NULL	137.19	core	
Stewart	ST-11-01				81.15	81.50	ST11-01.171	Muscovite	0.829	Pyrophyllite	0.171	83.507	core	
Stewart	ST-11-01	20	81.15	85.3	81.50	81.95	ST11-01.172	Paragonite	0.719	Montmorillonite	0.281	79.910	core	
Stewart	ST-11-01				81.95	82.40	ST11-01.173	Muscovite	1.000	NULL	NULL	57.651	core	
Stewart	ST-11-01				82.40	82.85	ST11-01.174	Paragonite	0.732	Montmorillonite	0.268	83.035	core	
Stewart	ST-11-01				82.85	83.30	ST11-01.175	Muscovite	1.000	NULL	NULL	107.65	gouge	
Stewart	ST-11-01				83.30	83.75	ST11-01.176	Muscovite	0.832	Pyrophyllite	0.168	90.342	core	
Stewart	ST-11-01				83.75	84.20	ST11-01.177	Muscovite	0.826	Pyrophyllite	0.174	67.985	core	
Stewart	ST-11-01				84.20	84.70	ST11-01.178	Muscovite	0.794	Pyrophyllite	0.206	100.28	core	
Stewart	ST-11-01				84.70	85.30	ST11-01.179	Pyrophyllite	0.572	Muscovite	0.428	58.074	core	
Stewart	ST-11-01				85.30	85.80	ST11-01.180	Muscovite	0.657	Pyrophyllite	0.343	97.194	core	
Stewart	ST-11-01	21	85.3	89.92	85.80	86.30	ST11-01.181	Kaolinite-WX	0.740	Pyrophyllite	0.260	148.54	gouge	
Stewart	ST-11-01				86.30	86.80	ST11-01.182	Pyrophyllite	0.520	Muscovite	0.480	43.070	core	
Stewart	ST-11-01				86.80	87.30	ST11-01.183	Muscovite	1.000	NULL	NULL	78.605	core	
Stewart	ST-11-01				87.30	87.80	ST11-01.184	Muscovite	1.000	NULL	NULL	117.30	core	
Stewart	ST-11-01				87.80	88.30	ST11-01.185	Muscovite	0.670	Pyrophyllite	0.330	58.157	core	
Stewart	ST-11-01				88.30	88.80	ST11-01.186	Muscovite	1.000	NULL	NULL	103.18	core	
Stewart	ST-11-01				88.80	89.30	ST11-01.187	Muscovite	1.000	NULL	NULL	77.449	core	
Stewart	ST-11-01				89.30	89.92	ST11-01.188	Muscovite	1.000	NULL	NULL	83.545	core	
Stewart	ST-11-01				89.92	90.32	ST11-01.189	Muscovite	1.000	NULL	NULL	69.317	core	
Stewart	ST-11-01	22	89.92	93.56	90.32	90.72	ST11-01.190	Muscovite	0.787	Pyrophyllite	0.213	68.728	core	
Stewart	ST-11-01				90.72	91.12	ST11-01.191	Muscovite	1.000	NULL	NULL	57.086	core	
Stewart	ST-11-01				91.12	91.52	ST11-01.192	Paragonite	0.714	Montmorillonite	0.286	97.650	core	
Stewart	ST-11-01				91.52	91.92	ST11-01.193	Paragonite	1.000	NULL	NULL	158.10	core	
Stewart	ST-11-01				91.92	92.32	ST11-01.194	Muscovite	0.751	Pyrophyllite	0.249	57.311	core	
Stewart	ST-11-01				92.32	92.60	ST11-01.195	Paragonite	0.793	Kaolinite-PX	0.207	96.172	core	
Stewart	ST-11-01				92.60	93.00	ST11-01.196	Muscovite	0.841	Pyrophyllite	0.159	59.848	core	
Stewart	ST-11-01				93.00	93.56	ST11-01.197	Paragonite	0.714	Montmorillonite	0.286	60.462	core	
Stewart	ST-11-01				93.56	94.06	ST11-01.198	Muscovite	0.714	Pyrophyllite	0.286	64.046	core	
Stewart	ST-11-01	23	93.56	97.7	94.06	94.51	ST11-01.199	Muscovite	1.000	NULL	NULL	99.578	core	
Stewart	ST-11-01				94.51	94.96	ST11-01.200	Muscovite	1.000	NULL	NULL	73.781	core	
Stewart	ST-11-01				94.96	95.40	ST11-01.201	Paragonite	1.000	NULL	NULL	86.624	core	
Stewart	ST-11-01				95.40	95.85	ST11-01.202	Paragonite	0.744	Montmorillonite	0.256	105.16	core	
Stewart	ST-11-01				95.85	96.30	ST11-01.203	NULL	NULL	NULL	NULL	NULL	vein	
Stewart	ST-11-01				96.30	96.75	ST11-01.204	Paragonite	0.740	Montmorillonite	0.260	119.29	core	
Stewart	ST-11-01				96.75	97.20	ST11-01.205	Muscovite	1.000	NULL	NULL	94.793	core	
Stewart	ST-11-01				97.20	97.70	ST11-01.206	Paragonite	1.000	NULL	NULL	127.66	core	
Stewart	ST-11-01				97.70	98.20	ST11-01.207	Muscovite	1.000	NULL	NULL	115.01	core	
Stewart	ST-11-01	24	97.7	101.82	98.20	98.65	ST11-01.208	Paragonite	1.000	NULL	NULL	148.56	core	
Stewart	ST-11-01				98.65	99.10	ST11-01.209	Muscovite	0.664	Pyrophyllite	0.336	79.458	core	
Stewart	ST-11-01				99.10	99.55	ST11-01.210	Pyrophyllite	0.837	Muscovite	0.163	31.699	core	
Stewart	ST-11-01				99.55	99.95	ST11-01.211	Pyrophyllite	0.667	Muscovite	0.333	44.403	core	
Stewart	ST-11-01				99.95	100.35	ST11-01.212	Muscovite	0.568	Pyrophyllite	0.432	66.196	core	
Stewart	ST-11-01				100.35	100.75	ST11-01.213	Muscovite	0.757	Pyrophyllite	0.243	142.87	core	
Stewart	ST-11-01				100.75	101.15	ST11-01.214	Paragonite	1.000	NULL	NULL	112.09	core	
Stewart	ST-11-01				101.15	101.82	ST11-01.215	Pyrophyllite	0.567	Muscovite	0.433	42.243	core	
Stewart	ST-11-01				101.82	102.32	ST11-01.216	Pyrophyllite	0.588	Muscovite	0.412	96.063	core	
Stewart	ST-11-01	25	101.82	105.63	102.32	102.72	ST11-01.217	Pyrophyllite	0.698	Muscovite	0.302	32.954	core	
Stewart	ST-11-01				102.72	103.12	ST11-01.218	Muscovite	1.000	NULL	NULL	85.954	core	
Stewart	ST-11-01				103.12	103.52	ST11-01.219	Muscovite	1.000	NULL	NULL	79.108	core	
Stewart	ST-11-01				103.52	103.90	ST11-01.220	Pyrophyllite	0.778	Muscovite	0.222	50.162	core	
Stewart	ST-11-01				103.90	104.30	ST11-01.221	Pyrophyllite	0.821	Muscovite	0.179	24.429	core	
Stewart	ST-11-01				104.30	104.70	ST11-01.222	Pyrophyllite	0.797	Kaolinite-WX	0.203	29.769	core	
Stewart	ST-11-01				104.70	105.10	ST11-01.223	Pyrophyllite	1.000	NULL	NULL	49.194	core	
Stewart	ST-11-01				105.10	105.63	ST11-01.224	Pyrophyllite	0.758	Muscovite	0.242	34.997	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				105.63	106.08	ST11-01.225	Pyrophyllite	0.705	Muscovite	0.295	70.229	core	
Stewart	ST-11-01	26	105.63	109.7	106.08	106.53	ST11-01.226	Paragonite	1.000	NULL	NULL	83.439	core	
Stewart	ST-11-01				106.53	106.98	ST11-01.227	Muscovite	0.806	Pyrophyllite	0.194	45.017	core	
Stewart	ST-11-01				106.98	107.43	ST11-01.228	Muscovite	1.000	NULL	NULL	87.441	core	
Stewart	ST-11-01				107.43	107.88	ST11-01.229	Paragonite	1.000	NULL	NULL	169.14	core	
Stewart	ST-11-01				107.88	108.33	ST11-01.230	Paragonite	1.000	NULL	NULL	82.482	core	
Stewart	ST-11-01				108.33	108.78	ST11-01.231	Paragonite	1.000	NULL	NULL	72.477	core	
Stewart	ST-11-01				108.78	109.23	ST11-01.232	Paragonite	1.000	NULL	NULL	110.80	core	
Stewart	ST-11-01				109.23	109.70	ST11-01.233	Pyrophyllite	0.686	Muscovite	0.314	52.700	core	
Stewart	ST-11-01				109.70	110.15	ST11-01.234	Muscovite	0.737	Pyrophyllite	0.263	76.674	core	
Stewart	ST-11-01	27	109.7	114	110.15	110.60	ST11-01.235	Paragonite	0.789	Kaolinite-PX	0.211	85.164	core	
Stewart	ST-11-01				110.60	111.05	ST11-01.236	Muscovite	0.729	Pyrophyllite	0.271	41.030	core	
Stewart	ST-11-01				111.05	111.50	ST11-01.237	Muscovite	0.751	Pyrophyllite	0.249	58.748	core	
Stewart	ST-11-01				111.50	111.95	ST11-01.238	Muscovite	0.827	Pyrophyllite	0.173	45.040	core	
Stewart	ST-11-01				111.95	112.45	ST11-01.239	Muscovite	0.792	Pyrophyllite	0.208	33.586	core	
Stewart	ST-11-01				112.45	112.95	ST11-01.240	Muscovite	0.728	Pyrophyllite	0.272	50.603	core	
Stewart	ST-11-01				112.95	113.45	ST11-01.241	Muscovite	0.537	Pyrophyllite	0.463	46.388	core	
Stewart	ST-11-01				113.45	114.00	ST11-01.242	Muscovite	0.755	Pyrophyllite	0.245	58.591	core	
Stewart	ST-11-01				114.00	114.50	ST11-01.243	Muscovite	0.624	Pyrophyllite	0.376	51.101	core	
Stewart	ST-11-01	28	114	118.1	114.50	114.95	ST11-01.244	Muscovite	0.637	Pyrophyllite	0.363	46.719	core	
Stewart	ST-11-01				114.95	115.40	ST11-01.245	Pyrophyllite	0.614	Dickite	0.386	72.666	core	
Stewart	ST-11-01				115.40	115.85	ST11-01.246	Pyrophyllite	0.663	Muscovite	0.337	31.796	core	
Stewart	ST-11-01				115.85	116.30	ST11-01.247	Muscovite	0.593	Pyrophyllite	0.407	67.740	core	
Stewart	ST-11-01				116.30	116.75	ST11-01.248	Muscovite	0.506	Pyrophyllite	0.494	49.115	core	
Stewart	ST-11-01				116.75	117.20	ST11-01.249	Pyrophyllite	1.000	NULL	NULL	46.612	core	
Stewart	ST-11-01				117.20	117.65	ST11-01.250	Pyrophyllite	0.814	Kaolinite-PX	0.186	33.961	core	
Stewart	ST-11-01				117.65	118.10	ST11-01.251	Muscovite	0.609	Pyrophyllite	0.391	52.791	core	
Stewart	ST-11-01				118.10	118.55	ST11-01.252	Pyrophyllite	0.809	Dickite	0.191	35.054	core	
Stewart	ST-11-01	29	118.1	122.17	118.55	119.00	ST11-01.253	Pyrophyllite	0.640	Muscovite	0.360	47.095	core	
Stewart	ST-11-01				119.00	119.45	ST11-01.254	Pyrophyllite	0.628	Muscovite	0.372	49.399	core	
Stewart	ST-11-01				119.45	119.90	ST11-01.255	Pyrophyllite	0.747	Muscovite	0.253	31.199	core	
Stewart	ST-11-01				119.90	120.35	ST11-01.256	Pyrophyllite	0.837	Dickite	0.163	36.487	core	
Stewart	ST-11-01				120.35	120.80	ST11-01.257	Muscovite	0.646	Pyrophyllite	0.354	56.137	core	
Stewart	ST-11-01				120.80	121.25	ST11-01.258	Muscovite	0.661	Pyrophyllite	0.339	52.522	core	
Stewart	ST-11-01				121.25	121.70	ST11-01.259	Pyrophyllite	1.000	NULL	NULL	42.884	core	
Stewart	ST-11-01				121.70	122.17	ST11-01.260	Muscovite	0.580	Pyrophyllite	0.420	61.575	core	
Stewart	ST-11-01				122.17	122.62	ST11-01.261	Muscovite	0.666	Pyrophyllite	0.334	52.594	core	
Stewart	ST-11-01	30	122.17	126.1	122.62	123.07	ST11-01.262	Pyrophyllite	0.631	Muscovite	0.369	51.105	core	
Stewart	ST-11-01				123.07	123.52	ST11-01.263	Pyrophyllite	0.843	Dickite	0.157	38.765	core	
Stewart	ST-11-01				123.52	123.97	ST11-01.264	Muscovite	0.730	Pyrophyllite	0.270	51.947	core	
Stewart	ST-11-01				123.97	124.42	ST11-01.265	Pyrophyllite	0.810	Dickite	0.190	40.901	core	
Stewart	ST-11-01				124.42	124.87	ST11-01.266	Pyrophyllite	1.000	NULL	NULL	61.998	core	
Stewart	ST-11-01				124.87	125.32	ST11-01.267	Pyrophyllite	1.000	NULL	NULL	33.896	core	
Stewart	ST-11-01				125.32	125.77	ST11-01.268	Pyrophyllite	1.000	NULL	NULL	54.323	core	
Stewart	ST-11-01				125.77	126.10	ST11-01.269	Pyrophyllite	0.749	Dickite	0.251	35.665	core	
Stewart	ST-11-01				126.10	126.50	ST11-01.270	Pyrophyllite	1.000	NULL	NULL	39.562	core	
Stewart	ST-11-01	31	126.1	129.8	126.50	126.95	ST11-01.271	Pyrophyllite	1.000	NULL	NULL	48.018	core	
Stewart	ST-11-01				126.95	127.40	ST11-01.272	Pyrophyllite	0.835	Dickite	0.165	46.117	core	
Stewart	ST-11-01				127.40	127.85	ST11-01.273	Pyrophyllite	0.767	Muscovite	0.233	40.244	core	
Stewart	ST-11-01				127.85	128.30	ST11-01.274	Muscovite	0.505	Pyrophyllite	0.495	47.686	core	
Stewart	ST-11-01				128.30	128.75	ST11-01.275	Pyrophyllite	0.555	Muscovite	0.445	48.041	core	
Stewart	ST-11-01				128.75	129.20	ST11-01.276	Pyrophyllite	0.698	Muscovite	0.302	37.771	core	
Stewart	ST-11-01				129.20	129.50	ST11-01.277	Pyrophyllite	0.612	Muscovite	0.388	31.530	core	
Stewart	ST-11-01				129.50	129.80	ST11-01.278	Muscovite	0.692	Pyrophyllite	0.308	80.315	core	
Stewart	ST-11-01				129.80	130.25	ST11-01.279	Muscovite	0.504	Pyrophyllite	0.496	58.028	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01	32	129.8	134.08	130.25	130.70	ST11-01.280	Pyrophyllite	1.000	NULL	NULL	50.016	core	
Stewart	ST-11-01				130.70	131.15	ST11-01.281	Pyrophyllite	1.000	NULL	NULL	68.980	core	
Stewart	ST-11-01				131.15	131.60	ST11-01.282	Pyrophyllite	0.814	Dickite	0.186	34.179	core	
Stewart	ST-11-01				131.60	132.10	ST11-01.283	Muscovite	0.708	Pyrophyllite	0.292	66.428	core	
Stewart	ST-11-01				132.10	132.60	ST11-01.284	Muscovite	0.632	Pyrophyllite	0.368	73.971	core	
Stewart	ST-11-01				132.60	133.10	ST11-01.285	Muscovite	0.659	Pyrophyllite	0.341	123.67	core	
Stewart	ST-11-01				133.10	133.60	ST11-01.286	Pyrophyllite	0.503	Muscovite	0.497	36.472	core	
Stewart	ST-11-01				133.60	134.08	ST11-01.287	Muscovite	0.717	Pyrophyllite	0.283	99.394	core	
Stewart	ST-11-01				134.08	134.53	ST11-01.288	Muscovite	0.539	Pyrophyllite	0.461	67.364	core	
Stewart	ST-11-01	33	134.08	138	134.53	134.98	ST11-01.289	Pyrophyllite	0.523	Muscovite	0.477	48.201	core	
Stewart	ST-11-01				134.98	135.43	ST11-01.290	Muscovite	0.705	Pyrophyllite	0.295	92.220	core	
Stewart	ST-11-01				135.43	135.90	ST11-01.291	Muscovite	0.666	Pyrophyllite	0.334	51.838	core	
Stewart	ST-11-01				135.90	136.35	ST11-01.292	Muscovite	0.666	Pyrophyllite	0.334	92.899	core	
Stewart	ST-11-01				136.35	136.80	ST11-01.293	Muscovite	0.831	Pyrophyllite	0.169	125.75	core	
Stewart	ST-11-01				136.80	137.25	ST11-01.294	Paragonite	1.000	NULL	NULL	109.03	core	
Stewart	ST-11-01				137.25	137.70	ST11-01.295	Paragonite	1.000	NULL	NULL	102.93	core	
Stewart	ST-11-01				137.70	138.00	ST11-01.296	Chlorite-Fe	0.536	Paragonite	0.464	118.04	core	
Stewart	ST-11-01				138.00	138.45	ST11-01.297	Muscoviticllite	0.561	Chlorite-Fe	0.439	87.809	core	
Stewart	ST-11-01	34	138	142.25	138.45	139.00	ST11-01.298	Paragonite	0.614	Chlorite-Fe	0.386	86.628	core	
Stewart	ST-11-01				139.00	139.45	ST11-01.299	Paragonite	1.000	NULL	NULL	95.747	core	
Stewart	ST-11-01				139.45	139.90	ST11-01.300	Paragonite	0.707	Montmorillonite	0.293	36.624	core	
Stewart	ST-11-01				139.90	140.35	ST11-01.301	Paragonite	1.000	NULL	NULL	69.416	core	
Stewart	ST-11-01				140.35	140.80	ST11-01.302	Chlorite-Fe	0.590	Paragonite	0.410	138.73	core	
Stewart	ST-11-01				140.80	141.25	ST11-01.303	Chlorite-Fe	0.512	Paragonite	0.488	73.551	core	
Stewart	ST-11-01				141.25	141.70	ST11-01.304	Chlorite-Fe	0.502	Paragonite	0.498	80.175	core	
Stewart	ST-11-01				141.70	142.25	ST11-01.305	Chlorite-Fe	0.571	Paragonite	0.429	80.177	core	
Stewart	ST-11-01				142.25	142.70	ST11-01.306	Muscoviticllite	1.000	NULL	NULL	91.006	core	
Stewart	ST-11-01	35	142.25	146.58	142.70	143.15	ST11-01.307	Paragonite	1.000	NULL	NULL	88.925	core	
Stewart	ST-11-01				143.15	143.60	ST11-01.308	Paragonite	1.000	NULL	NULL	77.496	core	
Stewart	ST-11-01				143.60	144.10	ST11-01.309	Muscovite	0.513	Chlorite-FeMg	0.487	76.006	core	
Stewart	ST-11-01				144.10	144.60	ST11-01.310	Paragonite	0.552	Chlorite-Fe	0.448	112.70	core	
Stewart	ST-11-01				144.60	145.10	ST11-01.311	Paragonite	0.634	Chlorite-Fe	0.366	84.657	core	
Stewart	ST-11-01				145.10	145.55	ST11-01.312	Paragonite	1.000	NULL	NULL	123.28	core	
Stewart	ST-11-01				145.55	146.00	ST11-01.313	Chlorite-Fe	0.558	Paragonite	0.442	92.458	core	
Stewart	ST-11-01				146.00	146.58	ST11-01.314	Chlorite-Fe	0.599	Paragonite	0.401	140.99	core	
Stewart	ST-11-01				146.58	147.03	ST11-01.315	Paragonite	1.000	NULL	NULL	154.65	core	
Stewart	ST-11-01	36	146.58	150.79	147.03	147.48	ST11-01.316	Chlorite-Fe	0.503	Paragonite	0.497	148.10	core	
Stewart	ST-11-01				147.48	147.93	ST11-01.317	Chlorite-Fe	0.796	Paragonite	0.204	150.43	core	
Stewart	ST-11-01				147.93	148.38	ST11-01.318	Chlorite-Fe	0.559	Paragonite	0.441	85.475	core	
Stewart	ST-11-01				148.38	148.83	ST11-01.319	Paragonite	1.000	NULL	NULL	116.36	core	
Stewart	ST-11-01				148.83	149.28	ST11-01.320	Chlorite-Fe	0.506	Paragonite	0.494	163.20	core	
Stewart	ST-11-01				149.28	149.73	ST11-01.321	Chlorite-Fe	0.680	Paragonite	0.320	166.88	core	
Stewart	ST-11-01				149.73	150.18	ST11-01.322	Chlorite-Fe	0.656	Paragonite	0.344	161.59	core	
Stewart	ST-11-01				150.18	150.79	ST11-01.323	Chlorite-Fe	0.746	Paragonite	0.254	158.66	core	
Stewart	ST-11-01				150.79	151.20	ST11-01.324	Paragonite	0.541	Chlorite-Fe	0.459	124.11	core	
Stewart	ST-11-01	37	150.79	154.88	151.20	152.10	ST11-01.325	Paragonite	1.000	NULL	NULL	132.08	core	
Stewart	ST-11-01				152.10	153.00	ST11-01.326	Muscovite	0.557	Pyrophyllite	0.443	65.401	core	
Stewart	ST-11-01				153.00	154.00	ST11-01.327	Pyrophyllite	0.809	Dickite	0.191	63.314	core	crenulated
Stewart	ST-11-01				154.00	154.88	ST11-01.328	Pyrophyllite	0.710	Muscovite	0.290	35.727	core	
Stewart	ST-11-01				154.88	155.78	ST11-01.329	Pyrophyllite	1.000	NULL	NULL	28.183	core	
Stewart	ST-11-01	38	154.88	159.1	155.78	156.68	ST11-01.330	Pyrophyllite	1.000	NULL	NULL	35.089	core	
Stewart	ST-11-01				156.68	157.58	ST11-01.331	Pyrophyllite	1.000	NULL	NULL	31.616	core	
Stewart	ST-11-01				157.58	158.60	ST11-01.332	Pyrophyllite	1.000	NULL	NULL	71.462	core	
Stewart	ST-11-01				158.60	159.50	ST11-01.333	Pyrophyllite	1.000	NULL	NULL	64.979	core	
Stewart	ST-11-01	39	159.1	163.27	159.50	160.40	ST11-01.334	Pyrophyllite	1.000	NULL	NULL	68.645	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				160.40	161.30	ST11-01.335	Pyrophyllite	1.000	NULL	NULL	78.937	core	
Stewart	ST-11-01				161.30	162.20	ST11-01.336	Pyrophyllite	1.000	NULL	NULL	48.730	core	
Stewart	ST-11-01				162.20	163.27	ST11-01.337	Pyrophyllite	1.000	NULL	NULL	28.313	core	
Stewart	ST-11-01				163.27	164.17	ST11-01.338	Pyrophyllite	1.000	NULL	NULL	26.270	core	
Stewart	ST-11-01	40	163.27	167.56	164.17	165.17	ST11-01.339	Pyrophyllite	0.762	Dickite	0.238	46.444	core	
Stewart	ST-11-01				165.17	166.17	ST11-01.340	Dickite	0.568	Pyrophyllite	0.432	244.63	vuggy vein	
Stewart	ST-11-01				166.17	167.06	ST11-01.341	Pyrophyllite	1.000	NULL	NULL	32.374	core	
Stewart	ST-11-01				167.06	168.01	ST11-01.342	Pyrophyllite	1.000	NULL	NULL	37.715	core	
Stewart	ST-11-01	41	167.56	171.9	168.01	168.96	ST11-01.343	Pyrophyllite	1.000	NULL	NULL	46.932	core	
Stewart	ST-11-01				168.96	169.91	ST11-01.344	Pyrophyllite	1.000	NULL	NULL	255.13	core	
Stewart	ST-11-01				169.91	170.86	ST11-01.345	Pyrophyllite	0.809	Muscovite	0.191	23.571	core	
Stewart	ST-11-01				170.86	171.90	ST11-01.346	Pyrophyllite	0.699	Muscovite	0.301	27.326	core	
Stewart	ST-11-01				171.90	172.85	ST11-01.347	Pyrophyllite	1.000	NULL	NULL	137.19	core	
Stewart	ST-11-01	42	171.9	176.25	172.85	173.80	ST11-01.348	Pyrophyllite	0.646	Muscovite	0.354	35.589	core	
Stewart	ST-11-01				173.80	174.75	ST11-01.349	Pyrophyllite	0.559	Muscovite	0.441	49.550	core	
Stewart	ST-11-01				174.75	175.75	ST11-01.350	Muscovite	0.513	Pyrophyllite	0.487	61.543	core	
Stewart	ST-11-01				175.75	176.70	ST11-01.351	Pyrophyllite	0.636	Muscovite	0.364	53.051	core	
Stewart	ST-11-01	43	176.25	180.4	176.70	177.65	ST11-01.352	Pyrophyllite	1.000	NULL	NULL	83.063	core	
Stewart	ST-11-01				177.65	178.60	ST11-01.353	Pyrophyllite	0.587	Muscovite	0.413	101.27	core	
Stewart	ST-11-01				178.60	179.55	ST11-01.354	Pyrophyllite	0.544	Muscovite	0.456	46.286	core	
Stewart	ST-11-01				179.55	180.40	ST11-01.355	Pyrophyllite	0.554	Muscovite	0.446	34.771	core	
Stewart	ST-11-01				180.40	181.35	ST11-01.356	Muscovite	0.591	Pyrophyllite	0.409	42.294	core	
Stewart	ST-11-01	44	180.4	184.58	181.35	182.30	ST11-01.357	Muscovite	0.716	Pyrophyllite	0.284	57.794	core	
Stewart	ST-11-01				182.30	183.25	ST11-01.358	Chlorite-Fe	0.572	Paragonite	0.428	76.860	core	
Stewart	ST-11-01				183.25	184.08	ST11-01.359	Muscoviticllite	0.633	Kaolinite-PX	0.367	33.894	core	
Stewart	ST-11-01				184.08	185.03	ST11-01.360	Muscovite	0.691	Pyrophyllite	0.309	105.38	core	
Stewart	ST-11-01	45	184.58	188.82	185.03	185.98	ST11-01.361	Muscovite	0.780	Pyrophyllite	0.220	71.625	core	
Stewart	ST-11-01				185.98	186.93	ST11-01.362	Muscovite	0.586	Pyrophyllite	0.414	54.296	core	
Stewart	ST-11-01				186.93	187.90	ST11-01.363	Muscovite	0.720	Pyrophyllite	0.280	44.831	core	
Stewart	ST-11-01				187.90	188.82	ST11-01.364	Muscovite	0.517	Pyrophyllite	0.483	59.271	core	
Stewart	ST-11-01				188.82	189.77	ST11-01.365	Muscovite	0.548	Pyrophyllite	0.452	55.119	core	
Stewart	ST-11-01	46	188.82	193.05	189.77	190.80	ST11-01.366	Muscovite	0.606	Pyrophyllite	0.394	60.709	core	
Stewart	ST-11-01				190.80	191.75	ST11-01.367	Muscovite	0.539	Chlorite-FeMg	0.461	121.90	core	
Stewart	ST-11-01				191.75	192.55	ST11-01.368	Muscovite	0.730	Pyrophyllite	0.270	46.841	core	
Stewart	ST-11-01				192.55	193.50	ST11-01.369	Muscovite	0.804	Pyrophyllite	0.196	47.372	core	
Stewart	ST-11-01	47	193.05	197.02	193.50	194.40	ST11-01.370	Muscovite	0.670	Pyrophyllite	0.330	46.322	core	
Stewart	ST-11-01				194.40	195.30	ST11-01.371	Muscovite	0.778	Pyrophyllite	0.222	60.717	core	
Stewart	ST-11-01				195.30	196.20	ST11-01.372	Muscovite	0.797	Pyrophyllite	0.203	60.952	core	
Stewart	ST-11-01				196.20	197.02	ST11-01.373	Paragonite	1.000	NULL	NULL	137.41	core	
Stewart	ST-11-01				197.02	198.02	ST11-01.374	Paragonite	0.729	Montmorillonite	0.271	59.424	core	
Stewart	ST-11-01	48	197.02	201.35	198.02	199.02	ST11-01.375	Paragonite	1.000	NULL	NULL	165.51	core	
Stewart	ST-11-01				199.02	200.00	ST11-01.376	Muscovite	0.767	Pyrophyllite	0.233	65.986	core	
Stewart	ST-11-01				200.00	200.85	ST11-01.377	Muscovite	1.000	NULL	NULL	105.84	core	
Stewart	ST-11-01				200.85	201.75	ST11-01.378	Muscovite	0.770	Pyrophyllite	0.230	81.717	core	
Stewart	ST-11-01	49	201.35	205.43	201.75	202.65	ST11-01.379	Muscovite	0.691	Pyrophyllite	0.309	74.034	core	
Stewart	ST-11-01				202.65	203.55	ST11-01.380	Paragonite	0.833	Pyrophyllite	0.167	90.035	core	
Stewart	ST-11-01				203.55	204.45	ST11-01.381	Muscovite	0.544	Pyrophyllite	0.456	82.181	core	
Stewart	ST-11-01				204.45	205.43	ST11-01.382	Muscovite	0.716	Pyrophyllite	0.284	93.988	core	
Stewart	ST-11-01				205.43	206.33	ST11-01.383	Muscovite	0.751	Pyrophyllite	0.249	93.657	core	
Stewart	ST-11-01	50	205.43	209.53	206.33	207.23	ST11-01.384	Paragonite	0.791	Kaolinite-PX	0.209	86.946	core	
Stewart	ST-11-01				207.23	208.13	ST11-01.385	Paragonite	0.595	Chlorite-Fe	0.405	137.38	core	
Stewart	ST-11-01				208.13	209.03	ST11-01.386	Muscovite	0.796	Pyrophyllite	0.204	104.00	core	
Stewart	ST-11-01				209.03	209.93	ST11-01.387	Muscovite	0.757	Pyrophyllite	0.243	77.464	core	
Stewart	ST-11-01	51	209.53	213.55	209.93	210.83	ST11-01.388	Muscovite	0.744	Pyrophyllite	0.256	74.152	core	
Stewart	ST-11-01				210.83	211.73	ST11-01.389	Paragonite	0.708	Pyrophyllite	0.292	132.98	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				211.73	212.63	ST11-01.390	Muscovite	0.751	Pyrophyllite	0.249	62.032	core	
Stewart	ST-11-01				212.63	213.55	ST11-01.391	Muscovite	0.793	Pyrophyllite	0.207	87.935	core	
Stewart	ST-11-01				213.55	214.45	ST11-01.392	Muscovite	0.651	Pyrophyllite	0.349	79.568	core	
Stewart	ST-11-01	52	213.55	217.7	214.45	215.35	ST11-01.393	Muscovite	0.839	Pyrophyllite	0.161	86.329	core	
Stewart	ST-11-01				215.35	216.25	ST11-01.394	Muscovite	0.670	Pyrophyllite	0.330	74.313	core	
Stewart	ST-11-01				216.25	217.20	ST11-01.395	Paragonite	0.505	Chlorite-Fe	0.495	129.89	core	
Stewart	ST-11-01				217.20	218.20	ST11-01.396	Chlorite-Fe	0.636	Paragonite	0.364	112.38	core	
Stewart	ST-11-01	53	217.7	221.16	218.20	218.95	ST11-01.397	Muscovite	0.821	Pyrophyllite	0.179	197.53	core	
Stewart	ST-11-01				218.95	219.70	ST11-01.398	Muscovite	0.541	Pyrophyllite	0.459	67.838	core	
Stewart	ST-11-01				219.70	220.45	ST11-01.399	Chlorite-FeMg	0.601	Muscovite	0.399	64.358	core	
Stewart	ST-11-01				220.45	221.16	ST11-01.400	Chlorite-Fe	0.708	Paragonite	0.292	87.296	core	
Stewart	ST-11-01				221.16	222.16	ST11-01.401	Muscovite	0.834	Pyrophyllite	0.166	77.151	core	
Stewart	ST-11-01	54	221.16	225.84	222.16	223.16	ST11-01.402	Muscovite	0.795	Pyrophyllite	0.205	58.773	core	
Stewart	ST-11-01				223.16	224.30	ST11-01.403	Paragonite	0.789	Pyrophyllite	0.211	193.85	core	
Stewart	ST-11-01				224.30	225.34	ST11-01.404	Muscovite	0.745	Pyrophyllite	0.255	180.14	core	
Stewart	ST-11-01				225.34	226.24	ST11-01.405	Muscovite	0.724	Pyrophyllite	0.276	85.333	core	
Stewart	ST-11-01	55	225.84	230	226.24	227.14	ST11-01.406	Paragonite	1.000	NULL	NULL	163.55	core	
Stewart	ST-11-01				227.14	228.04	ST11-01.407	Muscovite	0.818	Pyrophyllite	0.182	115.72	core	
Stewart	ST-11-01				228.04	229.04	ST11-01.408	Muscovite	0.722	Pyrophyllite	0.278	114.44	core	
Stewart	ST-11-01				229.04	230.00	ST11-01.409	Paragonite	1.000	NULL	NULL	150.40	core	
Stewart	ST-11-01				230.00	230.90	ST11-01.410	Muscovite	0.841	Pyrophyllite	0.159	288.91	core	
Stewart	ST-11-01	56	230	233.92	230.90	231.80	ST11-01.411	Paragonite	0.504	Chlorite-Fe	0.496	133.49	core	
Stewart	ST-11-01				231.80	232.70	ST11-01.412	Muscovite	0.584	Chlorite-FeMg	0.416	208.14	core	
Stewart	ST-11-01				232.70	233.42	ST11-01.413	Chlorite-FeMg	0.532	Muscovite	0.468	176.49	core	
Stewart	ST-11-01				233.42	234.32	ST11-01.414	Chlorite-FeMg	0.574	Muscovite	0.426	50.673	vuggy vein	
Stewart	ST-11-01	57	233.92	238.27	234.32	235.22	ST11-01.415	Muscovite	0.574	Chlorite-FeMg	0.426	195.11	core	
Stewart	ST-11-01				235.22	236.17	ST11-01.416	Chlorite-Fe	0.673	Paragonite	0.327	292.63	core	
Stewart	ST-11-01				236.17	237.12	ST11-01.417	Chlorite-Fe	0.776	Muscovite	0.224	248.89	core	
Stewart	ST-11-01				237.12	238.27	ST11-01.418	Chlorite-Fe	0.511	Muscovite	0.489	64.006	core	
Stewart	ST-11-01				238.27	238.97	ST11-01.419	Muscovite	1.000	NULL	NULL	91.677	core	
Stewart	ST-11-01	58	238.27	242.07	238.97	239.67	ST11-01.420	Chlorite-Fe	0.677	Muscovite	0.323	341.11	core	
Stewart	ST-11-01				239.67	240.37	ST11-01.421	Chlorite-Fe	0.734	Paragonite	0.266	337.26	core	
Stewart	ST-11-01				240.37	241.07	ST11-01.422	Muscovite	0.568	Chlorite-Fe	0.432	48.988	core	
Stewart	ST-11-01				241.07	241.90	ST11-01.423	Muscovite	1.000	NULL	NULL	163.12	core	
Stewart	ST-11-01				241.90	242.80	ST11-01.424	Chlorite-Fe	0.737	Paragonite	0.263	62.833	core	
Stewart	ST-11-01	59	242.07	246.45	242.80	243.70	ST11-01.425	Chlorite-Fe	0.633	Muscovite	0.367	151.43	core	
Stewart	ST-11-01				243.70	244.60	ST11-01.426	Muscovite	1.000	NULL	NULL	98.837	core	
Stewart	ST-11-01				244.60	245.50	ST11-01.427	Muscovite	1.000	NULL	NULL	61.533	core	
Stewart	ST-11-01				245.50	246.45	ST11-01.428	Chlorite-Fe	0.542	Muscovite	0.458	154.21	core	
Stewart	ST-11-01				246.45	247.15	ST11-01.429	Muscovite	1.000	NULL	NULL	112.67	core	
Stewart	ST-11-01	60	246.45	250.77	247.15	247.85	ST11-01.430	Muscovite	1.000	NULL	NULL	109.21	core	
Stewart	ST-11-01				247.85	248.55	ST11-01.431	Muscovite	1.000	NULL	NULL	481.65	core	
Stewart	ST-11-01				248.55	249.25	ST11-01.432	Muscovite	1.000	NULL	NULL	296.00	core	
Stewart	ST-11-01				249.25	250.27	ST11-01.433	Muscovite	0.520	Chlorite-Fe	0.480	249.80	core	
Stewart	ST-11-01				250.27	251.20	ST11-01.434	Muscovite	1.000	NULL	NULL	314.57	core	
Stewart	ST-11-01	61	250.77	254.79	251.20	252.10	ST11-01.435	Chlorite-Fe	0.521	Muscovite	0.479	421.03	core	
Stewart	ST-11-01				252.10	253.00	ST11-01.436	Chlorite-FeMg	0.560	Muscovite	0.440	324.55	core	
Stewart	ST-11-01				253.00	253.90	ST11-01.437	Muscovite	0.647	Chlorite-FeMg	0.353	150.12	core	
Stewart	ST-11-01				253.90	254.79	ST11-01.438	Chlorite-FeMg	0.712	Muscovite	0.288	187.33	core	mafic dike
Stewart	ST-11-01				254.79	255.59	ST11-01.439	Muscovite	0.580	Chlorite-Fe	0.420	419.89	core	
Stewart	ST-11-01	62	254.79	258.61	255.59	256.39	ST11-01.440	Muscovite	1.000	NULL	NULL	482.46	core	
Stewart	ST-11-01				256.39	257.19	ST11-01.441	Chlorite-Fe	0.681	Muscovite	0.319	366.10	core	mafic dike
Stewart	ST-11-01				257.19	258.11	ST11-01.442	Muscovite	1.000	NULL	NULL	242.04	core	
Stewart	ST-11-01				258.11	258.91	ST11-01.443	Muscovite	1.000	NULL	NULL	126.51	core	
Stewart	ST-11-01	63	258.61	263.44	258.91	259.71	ST11-01.444	Muscovite	1.000	NULL	NULL	105.37	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				259.71	260.60	ST11-01.445	Chlorite-FeMg	0.539	Muscovite	0.461	323.44	core	
Stewart	ST-11-01				260.60	261.40	ST11-01.446	Muscovite	1.000	NULL	NULL	365.48	core	
Stewart	ST-11-01				261.40	263.44	ST11-01.447	Muscovite	1.000	NULL	NULL	161.72	core	
Stewart	ST-11-01				263.44	264.04	ST11-01.448	Chlorite-Fe	0.518	Muscovite	0.482	233.72	core	
Stewart	ST-11-01	64	263.44	266.32	264.04	264.64	ST11-01.449	Muscovite	0.553	Chlorite-Fe	0.447	192.60	core	
Stewart	ST-11-01				264.64	265.24	ST11-01.450	Chlorite-Fe	0.845	Muscovite	0.155	73.172	core	
Stewart	ST-11-01				265.24	265.82	ST11-01.451	Muscovite	1.000	NULL	NULL	40.493	core	
Stewart	ST-11-01				265.82	266.80	ST11-01.452	Chlorite-Fe	0.548	Muscovite	0.452	72.468	core	
Stewart	ST-11-01	65	266.32	270.48	266.80	267.70	ST11-01.453	Muscovite	1.000	NULL	NULL	93.043	core	
Stewart	ST-11-01				267.70	268.60	ST11-01.454	Muscovite	1.000	NULL	NULL	36.254	core	
Stewart	ST-11-01				268.60	269.60	ST11-01.455	Muscovite	1.000	NULL	NULL	93.861	core	
Stewart	ST-11-01				269.60	270.48	ST11-01.456	Muscovite	1.000	NULL	NULL	102.98	core	
Stewart	ST-11-01				270.48	271.28	ST11-01.457	Muscovite	0.602	Kaolinite-WX	0.398	86.734	core	
Stewart	ST-11-01	66	270.48	274.35	271.28	272.08	ST11-01.458	Chlorite-Fe	0.520	Muscovite	0.480	117.29	core	fault breccia
Stewart	ST-11-01				272.08	272.88	ST11-01.459	Dickite	0.689	Paragonite	0.311	47.175	core	
Stewart	ST-11-01				272.88	273.85	ST11-01.460	Pyrophyllite	0.635	Paragonite	0.365	173.30	core	
Stewart	ST-11-01				273.85	274.65	ST11-01.461	Pyrophyllite	0.712	Muscovite	0.288	36.254	core	
Stewart	ST-11-01	67	274.35	278.24	274.65	275.60	ST11-01.462	Pyrophyllite	0.669	Dickite	0.331	121.48	core	
Stewart	ST-11-01				275.60	276.40	ST11-01.463	Pyrophyllite	0.628	Paragonite	0.372	57.476	core	
Stewart	ST-11-01				276.40	277.20	ST11-01.464	Pyrophyllite	0.727	Paragonite	0.273	61.935	core	
Stewart	ST-11-01				277.20	278.24	ST11-01.465	Pyrophyllite	0.773	Paragonite	0.227	128.15	core	
Stewart	ST-11-01				278.24	279.04	ST11-01.466	Pyrophyllite	0.700	Paragonite	0.300	102.85	core	
Stewart	ST-11-01	68	278.24	282.15	279.04	279.84	ST11-01.467	Paragonite	0.552	Pyrophyllite	0.448	250.31	core	
Stewart	ST-11-01				279.84	280.64	ST11-01.468	Pyrophyllite	0.643	Paragonite	0.357	83.756	core	
Stewart	ST-11-01				280.64	281.65	ST11-01.469	Paragonite	0.526	Pyrophyllite	0.474	407.75	core	
Stewart	ST-11-01				281.65	282.55	ST11-01.470	Pyrophyllite	1.000	NULL	NULL	551.58	core	
Stewart	ST-11-01	69	282.15	286.17	282.55	283.45	ST11-01.471	Paragonite	0.604	Pyrophyllite	0.396	255.58	core	
Stewart	ST-11-01				283.45	284.35	ST11-01.472	Aspectral	1.000	NULL	NULL	839.51	core	
Stewart	ST-11-01				284.35	285.25	ST11-01.473	Pyrophyllite	0.628	Paragonite	0.372	87.249	core	
Stewart	ST-11-01				285.25	286.17	ST11-01.474	Pyrophyllite	0.631	Muscovite	0.369	49.179	core	
Stewart	ST-11-01				286.17	287.07	ST11-01.475	Pyrophyllite	0.545	Muscovite	0.455	52.863	core	
Stewart	ST-11-01	70	286.17	290.45	287.07	287.97	ST11-01.476	Muscovite	0.666	Pyrophyllite	0.334	47.820	core	
Stewart	ST-11-01				287.97	288.87	ST11-01.477	Pyrophyllite	0.549	Muscovite	0.451	83.397	core	
Stewart	ST-11-01				288.87	289.95	ST11-01.478	Pyrophyllite	0.619	Muscovite	0.381	49.937	core	
Stewart	ST-11-01				289.95	290.85	ST11-01.479	Pyrophyllite	0.653	Muscovite	0.347	242.15	core	
Stewart	ST-11-01	71	290.45	294.77	290.85	291.70	ST11-01.480	Pyrophyllite	0.697	Muscovite	0.303	94.227	core	
Stewart	ST-11-01				291.70	292.60	ST11-01.481	Pyrophyllite	0.737	Muscovite	0.263	48.261	core	
Stewart	ST-11-01				292.60	293.50	ST11-01.482	Pyrophyllite	0.729	Paragonite	0.271	109.82	core	
Stewart	ST-11-01				293.50	294.77	ST11-01.483	Pyrophyllite	0.768	Paragonite	0.232	87.011	core	
Stewart	ST-11-01				294.77	295.47	ST11-01.484	Pyrophyllite	0.739	Muscovite	0.261	84.549	core	
Stewart	ST-11-01	72	294.77	298.23	295.47	296.17	ST11-01.485	Pyrophyllite	1.000	NULL	NULL	194.73	core	
Stewart	ST-11-01				296.17	296.87	ST11-01.486	Pyrophyllite	1.000	NULL	NULL	103.30	core	
Stewart	ST-11-01				296.87	297.73	ST11-01.487	Pyrophyllite	1.000	NULL	NULL	85.178	core	
Stewart	ST-11-01				297.73	298.63	ST11-01.488	Pyrophyllite	1.000	NULL	NULL	69.919	core	
Stewart	ST-11-01	73	298.23	302.34	298.63	299.53	ST11-01.489	Pyrophyllite	0.800	Kaolinite-PX	0.200	53.836	core	
Stewart	ST-11-01				299.53	300.43	ST11-01.490	Pyrophyllite	0.684	Paragonite	0.316	95.613	core	
Stewart	ST-11-01				300.43	301.33	ST11-01.491	Pyrophyllite	1.000	NULL	NULL	138.09	core	
Stewart	ST-11-01				301.33	302.34	ST11-01.492	Pyrophyllite	1.000	NULL	NULL	102.54	core	
Stewart	ST-11-01				302.34	303.04	ST11-01.493	Pyrophyllite	0.768	Kaolinite-WX	0.232	57.043	core	
Stewart	ST-11-01	74	302.34	306.56	303.04	303.74	ST11-01.494	Pyrophyllite	0.745	Kaolinite-WX	0.255	75.462	core	
Stewart	ST-11-01				303.74	304.44	ST11-01.495	Pyrophyllite	0.646	Muscovite	0.354	43.704	core	
Stewart	ST-11-01				304.44	305.80	ST11-01.496	Pyrophyllite	0.645	Muscovite	0.355	71.713	core	
Stewart	ST-11-01				305.80	306.70	ST11-01.497	Muscovite	0.526	Pyrophyllite	0.474	111.42	core	
Stewart	ST-11-01	75	306.56	310.68	306.70	307.60	ST11-01.498	Pyrophyllite	0.513	Muscovite	0.487	35.090	core	
Stewart	ST-11-01				307.60	308.50	ST11-01.499	NULL	NULL	NULL	NULL	NULL	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				308.50	309.40	ST11-01.500	Pyrophyllite	0.735	Muscovite	0.265	52.919	core	
Stewart	ST-11-01				309.40	310.68	ST11-01.501	Pyrophyllite	1.000	NULL	NULL	74.867	core	
Stewart	ST-11-01				310.68	311.58	ST11-01.502	Pyrophyllite	0.716	Dickite	0.284	92.017	core	
Stewart	ST-11-01	76	310.68	314.97	311.58	312.48	ST11-01.503	Pyrophyllite	1.000	NULL	NULL	170.73	core	
Stewart	ST-11-01				312.48	313.38	ST11-01.504	Pyrophyllite	0.769	Paragonite	0.231	78.801	core	
Stewart	ST-11-01				313.38	314.47	ST11-01.505	Pyrophyllite	0.692	Muscovite	0.308	80.499	core	
Stewart	ST-11-01				314.47	315.37	ST11-01.506	Pyrophyllite	0.817	Muscovite	0.183	41.051	core	
Stewart	ST-11-01	77	314.97	319.28	315.37	316.27	ST11-01.507	Pyrophyllite	0.568	Muscovite	0.432	194.59	core	
Stewart	ST-11-01				316.27	317.17	ST11-01.508	Pyrophyllite	0.748	Muscovite	0.252	40.120	core	
Stewart	ST-11-01				317.17	318.07	ST11-01.509	Pyrophyllite	1.000	NULL	NULL	133.48	core	
Stewart	ST-11-01				318.07	319.28	ST11-01.510	Pyrophyllite	1.000	NULL	NULL	85.136	core	
Stewart	ST-11-01				319.28	319.98	ST11-01.511	Pyrophyllite	1.000	NULL	NULL	121.94	core	
Stewart	ST-11-01	78	319.28	323.52	319.98	320.78	ST11-01.512	Pyrophyllite	0.516	Paragonite	0.484	310.32	core	
Stewart	ST-11-01				320.78	321.90	ST11-01.513	Pyrophyllite	1.000	NULL	NULL	119.45	core	
Stewart	ST-11-01				321.90	323.02	ST11-01.514	Pyrophyllite	1.000	NULL	NULL	169.30	core	
Stewart	ST-11-01				323.02	323.97	ST11-01.515	Pyrophyllite	0.562	Muscovite	0.438	68.466	core	
Stewart	ST-11-01	79	323.52	327.83	323.97	324.92	ST11-01.516	Pyrophyllite	0.572	Muscovite	0.428	154.92	core	
Stewart	ST-11-01				324.92	325.87	ST11-01.517	Pyrophyllite	0.694	Muscovite	0.306	77.451	core	
Stewart	ST-11-01				325.87	326.82	ST11-01.518	Pyrophyllite	1.000	NULL	NULL	229.60	core	
Stewart	ST-11-01				326.82	327.83	ST11-01.519	Pyrophyllite	0.516	Muscovite	0.484	74.132	core	
Stewart	ST-11-01				327.83	328.73	ST11-01.520	Muscovite	0.543	Pyrophyllite	0.457	107.38	core	
Stewart	ST-11-01	80	327.83	332.14	328.73	329.63	ST11-01.521	Pyrophyllite	0.523	Muscovite	0.477	60.768	core	
Stewart	ST-11-01				329.63	330.53	ST11-01.522	Paragonite	0.645	Pyrophyllite	0.355	126.14	core	
Stewart	ST-11-01				330.53	331.64	ST11-01.523	Muscovite	0.694	Pyrophyllite	0.306	57.783	core	
Stewart	ST-11-01				331.64	332.54	ST11-01.524	Paragonite	0.609	Pyrophyllite	0.391	167.92	core	
Stewart	ST-11-01	81	332.14	336.26	332.54	333.44	ST11-01.525	Pyrophyllite	0.679	Muscovite	0.321	87.349	core	
Stewart	ST-11-01				333.44	334.34	ST11-01.526	Paragonite	0.592	Pyrophyllite	0.408	221.79	core	
Stewart	ST-11-01				334.34	335.24	ST11-01.527	Muscovite	0.711	Pyrophyllite	0.289	76.895	core	
Stewart	ST-11-01				335.24	336.26	ST11-01.528	Pyrophyllite	0.682	Muscovite	0.318	62.632	core	
Stewart	ST-11-01				336.26	337.10	ST11-01.529	Pyrophyllite	0.681	Kaolinite-WX	0.319	120.95	core	
Stewart	ST-11-01	82	336.26	340.4	337.10	338.00	ST11-01.530	Pyrophyllite	0.696	Paragonite	0.304	251.29	core	
Stewart	ST-11-01				338.00	338.90	ST11-01.531	Pyrophyllite	1.000	NULL	NULL	116.41	core	
Stewart	ST-11-01				338.90	340.00	ST11-01.532	Pyrophyllite	1.000	NULL	NULL	100.60	core	
Stewart	ST-11-01				340.00	340.90	ST11-01.533	Pyrophyllite	0.551	Muscovite	0.449	238.56	core	
Stewart	ST-11-01	83	340.4	344.62	340.90	341.80	ST11-01.534	Muscovite	0.753	Pyrophyllite	0.247	64.125	core	
Stewart	ST-11-01				341.80	342.70	ST11-01.535	Paragonite	0.521	Pyrophyllite	0.479	212.58	core	
Stewart	ST-11-01				342.70	343.60	ST11-01.536	Muscovite	0.824	Pyrophyllite	0.176	126.23	core	
Stewart	ST-11-01				343.60	344.62	ST11-01.537	Muscovite	1.000	NULL	NULL	128.43	core	
Stewart	ST-11-01				344.62	345.52	ST11-01.538	Muscovite	0.768	Pyrophyllite	0.232	142.55	core	
Stewart	ST-11-01	84	344.62	348.53	345.52	346.30	ST11-01.539	Muscovite	0.730	Pyrophyllite	0.270	52.630	core	
Stewart	ST-11-01				346.30	347.20	ST11-01.540	Muscovite	0.501	Pyrophyllite	0.499	93.694	core	
Stewart	ST-11-01				347.20	348.03	ST11-01.541	Muscovite	0.554	Pyrophyllite	0.446	62.403	core	
Stewart	ST-11-01				348.03	348.98	ST11-01.542	Muscovite	0.619	Pyrophyllite	0.381	111.25	core	
Stewart	ST-11-01				348.98	349.93	ST11-01.543	Muscovite	0.565	Pyrophyllite	0.435	79.804	core	
Stewart	ST-11-01	85	348.53	352.8	349.93	350.88	ST11-01.544	Muscovite	0.696	Pyrophyllite	0.304	49.999	core	
Stewart	ST-11-01				350.88	351.83	ST11-01.545	Paragonite	1.000	NULL	NULL	349.65	core	
Stewart	ST-11-01				351.83	352.80	ST11-01.546	Paragonite	0.706	Pyrophyllite	0.294	126.63	core	
Stewart	ST-11-01				352.80	353.75	ST11-01.547	Muscovite	0.675	Pyrophyllite	0.325	155.90	core	
Stewart	ST-11-01	86	352.8	356.79	353.75	354.70	ST11-01.548	Paragonite	0.636	Pyrophyllite	0.364	262.60	core	
Stewart	ST-11-01				354.70	355.40	ST11-01.549	Pyrophyllite	0.558	Paragonite	0.442	314.08	core	
Stewart	ST-11-01				355.40	356.29	ST11-01.550	Pyrophyllite	0.619	Paragonite	0.381	238.85	core	
Stewart	ST-11-01				356.29	357.24	ST11-01.551	Pyrophyllite	0.623	Muscovite	0.377	231.69	core	
Stewart	ST-11-01	87	356.79	361	357.24	358.19	ST11-01.552	Pyrophyllite	1.000	NULL	NULL	147.28	core	
Stewart	ST-11-01				358.19	359.14	ST11-01.553	Pyrophyllite	1.000	NULL	NULL	223.10	core	
Stewart	ST-11-01				359.14	360.09	ST11-01.554	Paragonite	0.531	Pyrophyllite	0.469	90.016	core	Fracture

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				360.09	361.00	ST11-01.555	Pyrophyllite	0.702	Paragonite	0.298	49.800	core	
Stewart	ST-11-01				361.00	361.90	ST11-01.556	Pyrophyllite	0.562	Muscovite	0.438	135.53	core	
Stewart	ST-11-01	88	361	364.94	361.90	362.80	ST11-01.557	Pyrophyllite	0.815	Muscovite	0.185	51.139	core	
Stewart	ST-11-01				362.80	363.70	ST11-01.558	Pyrophyllite	0.633	Muscovite	0.367	50.309	core	
Stewart	ST-11-01				363.70	364.60	ST11-01.559	Pyrophyllite	0.659	Muscovite	0.341	62.557	core	
Stewart	ST-11-01				364.60	365.50	ST11-01.560	Pyrophyllite	1.000	NULL	NULL	49.282	core	
Stewart	ST-11-01	89	364.94	369.2	365.50	366.40	ST11-01.561	Pyrophyllite	1.000	NULL	NULL	109.67	core	
Stewart	ST-11-01				366.40	367.30	ST11-01.562	Pyrophyllite	1.000	NULL	NULL	523.73	core	
Stewart	ST-11-01				367.30	368.20	ST11-01.563	Pyrophyllite	0.564	Kaolinite-PX	0.436	158.13	core	Fracture
Stewart	ST-11-01				368.20	369.20	ST11-01.564	Pyrophyllite	0.575	Paragonite	0.425	91.738	core	Fracture
Stewart	ST-11-01				369.20	370.10	ST11-01.565	Pyrophyllite	0.717	Paragonite	0.283	70.850	core	
Stewart	ST-11-01	90	369.2	373.41	370.10	371.00	ST11-01.566	Paragonite	1.000	NULL	NULL	51.233	core	
Stewart	ST-11-01				371.00	371.90	ST11-01.567	Paragonite	0.760	Montmorillonite	0.240	118.33	core	
Stewart	ST-11-01				371.90	372.91	ST11-01.568	Chlorite-Fe	0.691	Paragonite	0.309	299.80	core	
Stewart	ST-11-01				372.91	373.80	ST11-01.569	Chlorite-FeMg	0.830	Paragonite	0.170	200.19	core	
Stewart	ST-11-01	91	373.41	377.55	373.80	374.70	ST11-01.570	Chlorite-FeMg	0.584	Paragonite	0.416	121.12	core	
Stewart	ST-11-01				374.70	375.60	ST11-01.571	Chlorite-FeMg	0.733	Paragonite	0.267	101.38	core	
Stewart	ST-11-01				375.60	376.50	ST11-01.572	Chlorite-FeMg	0.744	Paragonite	0.256	127.14	core	
Stewart	ST-11-01				376.50	377.55	ST11-01.573	Chlorite-FeMg	0.814	Epidote	0.186	108.70	core	
Stewart	ST-11-01				377.55	378.50	ST11-01.574	Chlorite-FeMg	0.780	Paragonite	0.220	164.03	core	
Stewart	ST-11-01	92	377.55	381.74	378.50	379.40	ST11-01.575	Chlorite-FeMg	0.624	Muscovite	0.376	207.47	core	
Stewart	ST-11-01				379.40	380.30	ST11-01.576	Chlorite-FeMg	0.731	Paragonite	0.269	94.310	core	
Stewart	ST-11-01				380.30	381.24	ST11-01.577	Chlorite-FeMg	0.751	Paragonite	0.249	108.76	core	
Stewart	ST-11-01				381.24	382.04	ST11-01.578	Chlorite-FeMg	0.699	Paragonite	0.301	147.86	core	
Stewart	ST-11-01	93	381.74	385.44	382.04	382.84	ST11-01.579	Chlorite-FeMg	0.669	Paragonite	0.331	155.77	core	
Stewart	ST-11-01				382.84	383.64	ST11-01.580	Chlorite-FeMg	0.740	Muscovite	0.260	95.390	core	
Stewart	ST-11-01				383.64	384.44	ST11-01.581	Chlorite-FeMg	0.518	Muscovite	0.482	53.282	core	
Stewart	ST-11-01				384.44	385.44	ST11-01.582	Chlorite-FeMg	0.757	Paragonite	0.243	122.90	core	
Stewart	ST-11-01				385.44	386.14	ST11-01.583	Chlorite-FeMg	0.703	Paragonite	0.297	127.86	core	
Stewart	ST-11-01	94	385.44	388.8	386.14	386.84	ST11-01.584	Muscovite	1.000	NULL	NULL	172.21	core	
Stewart	ST-11-01				386.84	387.54	ST11-01.585	Muscovite	0.531	Chlorite-FeMg	0.469	147.24	core	
Stewart	ST-11-01				387.54	388.50	ST11-01.586	Paragonite	0.694	Tourmaline-Fe	0.306	98.924	core	
Stewart	ST-11-01				388.50	389.30	ST11-01.587	Muscovite	1.000	NULL	NULL	124.08	core	
Stewart	ST-11-01	95	388.8	392.76	389.30	390.10	ST11-01.588	Muscovite	1.000	NULL	NULL	280.51	core	
Stewart	ST-11-01				390.10	390.90	ST11-01.589	Chlorite-FeMg	0.574	Muscovite	0.426	44.519	core	
Stewart	ST-11-01				390.90	391.70	ST11-01.590	Paragonite	1.000	NULL	NULL	166.92	core	
Stewart	ST-11-01				391.70	392.76	ST11-01.591	Paragonite	1.000	NULL	NULL	252.32	core	
Stewart	ST-11-01				392.76	393.56	ST11-01.592	Paragonite	1.000	NULL	NULL	209.29	core	
Stewart	ST-11-01	96	392.76	396.85	393.56	394.36	ST11-01.593	Paragonite	0.730	Montmorillonite	0.270	115.34	core	
Stewart	ST-11-01				394.36	395.16	ST11-01.594	Muscovite	1.000	NULL	NULL	92.495	core	
Stewart	ST-11-01				395.16	396.35	ST11-01.595	Muscovite	1.000	NULL	NULL	204.84	core	
Stewart	ST-11-01				396.35	397.30	ST11-01.596	Muscovite	1.000	NULL	NULL	151.98	core	
Stewart	ST-11-01	97	396.85	401.2	397.30	398.25	ST11-01.597	Muscovite	1.000	NULL	NULL	185.97	core	
Stewart	ST-11-01				398.25	399.20	ST11-01.598	Muscovite	1.000	NULL	NULL	364.74	core	
Stewart	ST-11-01				399.20	400.15	ST11-01.599	Chlorite-FeMg	0.559	Paragonite	0.441	169.37	core	
Stewart	ST-11-01				400.15	401.20	ST11-01.600	Paragonite	0.715	Montmorillonite	0.285	101.82	core	
Stewart	ST-11-01				401.20	402.05	ST11-01.601	Paragonite	0.544	Chlorite-FeMg	0.456	134.70	core	
Stewart	ST-11-01	98	401.2	405.26	402.05	402.90	ST11-01.602	Chlorite-FeMg	0.526	Paragonite	0.474	134.56	core	
Stewart	ST-11-01				402.90	403.75	ST11-01.603	Paragonite	0.588	Chlorite-FeMg	0.412	218.94	core	
Stewart	ST-11-01				403.75	404.76	ST11-01.604	Chlorite-FeMg	0.524	Paragonite	0.476	164.98	core	
Stewart	ST-11-01				404.76	405.66	ST11-01.605	Chlorite-FeMg	0.520	Paragonite	0.480	115.98	core	
Stewart	ST-11-01	99	405.26	409.56	405.66	406.56	ST11-01.606	Paragonite	0.668	Chlorite-FeMg	0.332	148.49	core	
Stewart	ST-11-01				406.56	407.46	ST11-01.607	Paragonite	0.555	Chlorite-FeMg	0.445	99.307	core	
Stewart	ST-11-01				407.46	408.36	ST11-01.608	Chlorite-FeMg	0.724	Paragonite	0.276	136.62	core	
Stewart	ST-11-01				408.36	409.56	ST11-01.609	Paragonite	0.504	Chlorite-FeMg	0.496	76.859	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-01				409.56	410.40	ST11-01.610	Paragonite	0.549	Chlorite-FeMg	0.451	107.66	core	
Stewart	ST-11-01	100	409.56	413.71	410.40	411.30	ST11-01.611	Chlorite-FeMg	0.572	Paragonite	0.428	70.817	core	
Stewart	ST-11-01				411.30	412.20	ST11-01.612	Chlorite-FeMg	0.814	Paragonite	0.186	47.156	core	
Stewart	ST-11-01				412.20	413.30	ST11-01.613	Chlorite-FeMg	0.834	Paragonite	0.166	124.27	core	
Stewart	ST-11-01				413.30	414.20	ST11-01.614	Chlorite-FeMg	0.794	Paragonite	0.206	58.963	core	
Stewart	ST-11-01	101	413.71	417.8	414.20	415.10	ST11-01.615	Chlorite-FeMg	0.805	Paragonite	0.195	69.088	core	
Stewart	ST-11-01				415.10	416.00	ST11-01.616	Chlorite-FeMg	0.812	Paragonite	0.188	88.837	core	
Stewart	ST-11-01				416.00	416.90	ST11-01.617	Paragonite	0.602	Chlorite-FeMg	0.398	75.221	core	
Stewart	ST-11-01				416.90	417.80	ST11-01.618	Paragonite	0.788	Montmorillonite	0.212	24.587	core	
Stewart	ST-11-01				417.80	418.80	ST11-01.619	Chlorite-FeMg	0.559	Paragonite	0.441	89.394	core	
Stewart	ST-11-01	102	417.8	421.9	418.80	420.00	ST11-01.620	Paragonite	0.530	Epidote	0.470	183.83	core	
Stewart	ST-11-01				420.00	420.70	ST11-01.621	Chlorite-FeMg	0.732	Paragonite	0.268	104.55	core	
Stewart	ST-11-01				420.70	421.40	ST11-01.622	Muscovite	0.619	Chlorite-FeMg	0.381	105.25	core	
Stewart	ST-11-01				421.40	422.30	ST11-01.623	Muscovite	0.653	Chlorite-FeMg	0.347	71.754	core	
Stewart	ST-11-01	103	421.9	426.05	422.30	423.20	ST11-01.624	Chlorite-FeMg	0.550	Muscovite	0.450	223.16	core	
Stewart	ST-11-01				423.20	424.10	ST11-01.625	Muscovite	1.000	NULL	NULL	207.48	core	
Stewart	ST-11-01				424.10	425.00	ST11-01.626	Paragonite	0.792	Montmorillonite	0.208	90.760	core	
Stewart	ST-11-01				425.00	426.05	ST11-01.627	Paragonite	0.778	Montmorillonite	0.222	60.121	core	
Stewart	ST-11-01				426.05	426.95	ST11-01.628	Paragonite	0.726	Pyrophyllite	0.274	111.80	core	
Stewart	ST-11-01	104	426.05	430.1	426.95	427.85	ST11-01.629	Pyrophyllite	0.521	Muscovite	0.479	140.77	core	
Stewart	ST-11-01				427.85	428.75	ST11-01.630	Muscovite	0.750	Pyrophyllite	0.250	250.45	core	
Stewart	ST-11-01				428.75	429.70	ST11-01.631	Muscovite	1.000	NULL	NULL	266.36	core	
Stewart	ST-11-01				429.70	430.60	ST11-01.632	Muscovite	1.000	NULL	NULL	119.67	core	
Stewart	ST-11-01	105	430.1	434.27	430.60	431.50	ST11-01.633	Muscovite	1.000	NULL	NULL	365.71	core	
Stewart	ST-11-01				431.50	432.40	ST11-01.634	Paragonite	1.000	NULL	NULL	282.33	core	
Stewart	ST-11-01				432.40	433.30	ST11-01.635	Paragonite	0.736	Montmorillonite	0.264	161.56	core	
Stewart	ST-11-01				433.30	434.27	ST11-01.636	Muscovite	1.000	NULL	NULL	73.470	core	
Stewart	ST-11-01				434.27	435.17	ST11-01.637	Muscovite	0.528	Chlorite-FeMg	0.472	104.97	core	
Stewart	ST-11-01	106	434.27	438.32	435.17	436.07	ST11-01.638	Phengite	0.797	Epidote	0.203	177.12	core	
Stewart	ST-11-01				436.07	436.97	ST11-01.639	Phengite	0.620	Chlorite-FeMg	0.380	231.48	core	
Stewart	ST-11-01				436.97	437.82	ST11-01.640	Phengite	0.792	Ankerite	0.208	182.68	core	
Stewart	ST-11-01				437.82	438.72	ST11-01.641	Phengite	0.813	Epidote	0.187	124.35	core	
Stewart	ST-11-01	107	438.32	440.5	438.72	439.62	ST11-01.642	Muscovite	0.843	Epidote	0.157	134.01	core	
Stewart	ST-11-01				439.62	440.00	ST11-01.643	Muscovite	0.622	Chlorite-FeMg	0.378	95.703	core	
Stewart	ST-11-01				440.00	440.5	ST11-01.644	Muscovite	0.763	Epidote	0.237	74.792	core	
Stewart	ST-11-02	1	3.30	7.88	4.30	6.00	ST11-02.001	Muscovite	1.000	NULL	NULL	59.465	core	
Stewart	ST-11-02				6.00	6.75	ST11-02.002	Muscovite	1.000	NULL	NULL	202.45	core	
Stewart	ST-11-02				6.75	7.38	ST11-02.003	Muscovite	1.000	NULL	NULL	198.62	core	
Stewart	ST-11-02				7.38	8.20	ST11-02.004	Chlorite-Fe	1.000	NULL	NULL	253.19	core	dyke
Stewart	ST-11-02	2	7.88	11.55	8.20	8.80	ST11-02.005	Muscovite	0.662	Chlorite-FeMg	0.338	57.619	core	
Stewart	ST-11-02				8.80	9.40	ST11-02.006	Chlorite-FeMg	1.000	NULL	NULL	198.31	core	dyke
Stewart	ST-11-02				9.40	10.00	ST11-02.007	Chlorite-FeMg	1.000	NULL	NULL	236.76	core	dyke
Stewart	ST-11-02				10.00	10.60	ST11-02.008	Muscovite	1.000	NULL	NULL	46.234	core	
Stewart	ST-11-02				10.60	11.20	ST11-02.009	Muscovite	1.000	NULL	NULL	37.799	core	
Stewart	ST-11-02				11.20	11.55	ST11-02.010	Chlorite-FeMg	1.000	NULL	NULL	153.00	core	dyke
Stewart	ST-11-02				11.55	12.15	ST11-02.011	Chlorite-FeMg	0.748	Muscovite	0.252	106.98	core	dyke
Stewart	ST-11-02	3	11.55	15.13	12.15	12.65	ST11-02.012	Muscovite	1.000	NULL	NULL	57.629	core	
Stewart	ST-11-02				12.65	12.90	ST11-02.013	Chlorite-FeMg	1.000	NULL	NULL	104.42	core	dyke
Stewart	ST-11-02				12.90	13.50	ST11-02.014	Chlorite-FeMg	0.819	Muscovite	0.181	84.240	core	dyke
Stewart	ST-11-02				13.50	14.10	ST11-02.015	Chlorite-FeMg	1.000	NULL	NULL	108.84	core	dyke
Stewart	ST-11-02				14.10	14.60	ST11-02.016	Chlorite-FeMg	1.000	NULL	NULL	291.80	core	dyke
Stewart	ST-11-02				14.60	15.63	ST11-02.017	Chlorite-FeMg	1.000	NULL	NULL	201.66	core	dyke
Stewart	ST-11-02	4	15.13	18.94	15.63	16.53	ST11-02.018	Muscovite	1.000	NULL	NULL	60.863	core	
Stewart	ST-11-02				16.53	17.43	ST11-02.019	Chlorite-FeMg	1.000	NULL	NULL	147.94	core	dyke
Stewart	ST-11-02				17.43	18.33	ST11-02.020	Muscovite	1.000	NULL	NULL	29.961	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				18.33	18.94	ST11-02.021	Muscovite	1.000	NULL	NULL	67.992	core	
Stewart	ST-11-02				18.94	19.84	ST11-02.022	Muscovite	1.000	NULL	NULL	49.376	core	
Stewart	ST-11-02	5	18.94	22.98	19.84	20.70	ST11-02.023	Muscovite	1.000	NULL	NULL	64.356	core	
Stewart	ST-11-02				20.70	21.60	ST11-02.024	Muscovite	1.000	NULL	NULL	64.141	core	
Stewart	ST-11-02				21.60	22.50	ST11-02.025	Muscovite	0.805	Epidote	0.195	73.587	core	
Stewart	ST-11-02				22.50	23.40	ST11-02.026	Muscovite	0.594	Chlorite-FeMg	0.406	78.227	core	
Stewart	ST-11-02	6	22.98	26.90	23.40	24.30	ST11-02.027	Muscovite	1.000	NULL	NULL	38.196	core	
Stewart	ST-11-02				24.30	25.20	ST11-02.028	Muscovite	0.652	Chlorite-FeMg	0.348	77.257	core	
Stewart	ST-11-02				25.20	26.10	ST11-02.029	Muscovite	0.613	Chlorite-FeMg	0.387	65.294	core	
Stewart	ST-11-02				26.10	26.90	ST11-02.030	Muscovite	1.000	NULL	NULL	39.139	core	
Stewart	ST-11-02				26.90	27.80	ST11-02.031	Muscovite	1.000	NULL	NULL	49.654	core	
Stewart	ST-11-02	7	26.90	31.21	27.80	28.70	ST11-02.032	Muscovite	1.000	NULL	NULL	52.673	core	
Stewart	ST-11-02				28.70	29.80	ST11-02.033	Muscovite	1.000	NULL	NULL	50.425	core	
Stewart	ST-11-02				29.80	30.70	ST11-02.034	Muscovite	1.000	NULL	NULL	118.71	gouge	
Stewart	ST-11-02				30.70	31.60	ST11-02.035	Muscovite	1.000	NULL	NULL	55.309	core	
Stewart	ST-11-02	8	31.21	34.66	31.60	32.35	ST11-02.036	Muscovite	1.000	NULL	NULL	31.019	core	
Stewart	ST-11-02				32.35	33.10	ST11-02.037	Muscovite	0.679	Chlorite-FeMg	0.321	40.045	core	
Stewart	ST-11-02				33.10	33.85	ST11-02.038	Muscovite	0.674	Chlorite-FeMg	0.326	74.626	core	
Stewart	ST-11-02				33.85	34.66	ST11-02.039	Muscovite	1.000	NULL	NULL	27.071	core	
Stewart	ST-11-02				34.66	35.56	ST11-02.040	Muscovite	0.686	Chlorite-FeMg	0.314	43.800	core	
Stewart	ST-11-02	9	34.66	38.74	35.56	36.46	ST11-02.041	Muscovite	1.000	NULL	NULL	43.928	core	
Stewart	ST-11-02				36.46	37.36	ST11-02.042	Muscovite	1.000	NULL	NULL	105.55	core	
Stewart	ST-11-02				37.36	38.26	ST11-02.043	Muscovite	0.775	Epidote	0.225	62.115	core	
Stewart	ST-11-02				38.26	39.10	ST11-02.044	Muscovite	1.000	NULL	NULL	60.651	core	
Stewart	ST-11-02	10	38.74	42.83	39.10	39.85	ST11-02.045	Muscovite	1.000	NULL	NULL	39.664	core	
Stewart	ST-11-02				39.85	40.75	ST11-02.046	Muscovite	1.000	NULL	NULL	55.118	core	
Stewart	ST-11-02				40.75	41.65	ST11-02.047	Muscovite	0.725	Chlorite-FeMg	0.275	87.207	core	
Stewart	ST-11-02				41.65	42.83	ST11-02.048	Muscovite	0.608	Chlorite-FeMg	0.392	60.920	core	
Stewart	ST-11-02				42.83	43.73	ST11-02.049	Muscovite	1.000	NULL	NULL	81.996	core	
Stewart	ST-11-02	11	42.83	47.03	43.73	44.80	ST11-02.050	Muscovite	0.733	Epidote	0.267	57.348	core	wht wormy vein
Stewart	ST-11-02				44.80	45.70	ST11-02.051	Muscovite	0.777	Epidote	0.223	62.570	core	
Stewart	ST-11-02				45.70	46.60	ST11-02.052	Muscovite	1.000	NULL	NULL	46.740	core	
Stewart	ST-11-02				46.60	47.50	ST11-02.053	Muscovite	1.000	NULL	NULL	56.918	core	
Stewart	ST-11-02	12	47.03	50.98	47.50	48.10	ST11-02.054	Muscovite	0.692	Chlorite-FeMg	0.308	38.715	core	
Stewart	ST-11-02				48.10	49.00	ST11-02.055	Muscovite	0.618	Chlorite-FeMg	0.382	77.633	core	
Stewart	ST-11-02				49.00	49.90	ST11-02.056	Chlorite-FeMg	1.000	NULL	NULL	114.18	core	dyke with wormy wht vein
Stewart	ST-11-02				49.90	50.98	ST11-02.057	Muscovite	1.000	NULL	NULL	70.412	core	
Stewart	ST-11-02				50.98	51.88	ST11-02.058	Muscovite	1.000	NULL	NULL	58.319	core	
Stewart	ST-11-02	13	50.98	54.82	51.88	52.78	ST11-02.059	Muscovite	1.000	NULL	NULL	46.180	core	
Stewart	ST-11-02				52.78	53.60	ST11-02.060	Muscovite	1.000	NULL	NULL	35.548	core	
Stewart	ST-11-02				53.60	54.35	ST11-02.061	Muscovite	1.000	NULL	NULL	129.29	gouge	
Stewart	ST-11-02				54.35	55.10	ST11-02.062	Muscovite	1.000	NULL	NULL	130.23	gouge	
Stewart	ST-11-02	14	54.82	58.70	55.10	55.85	ST11-02.063	Muscovite	1.000	NULL	NULL	95.487	gouge	
Stewart	ST-11-02				55.85	56.80	ST11-02.064	Muscovite	0.728	Chlorite-FeMg	0.272	50.904	core	
Stewart	ST-11-02				56.80	57.65	ST11-02.065	Chlorite-FeMg	0.617	Muscovite	0.383	89.079	core	
Stewart	ST-11-02				57.65	58.70	ST11-02.066	Chlorite-FeMg	0.848	Muscovite	0.152	103.16	core	dyke
Stewart	ST-11-02				58.70	59.60	ST11-02.067	Muscovite	1.000	NULL	NULL	80.166	core	
Stewart	ST-11-02	15	58.70	62.95	59.60	60.50	ST11-02.068	Muscovite	1.000	NULL	NULL	102.15	core	
Stewart	ST-11-02				60.50	61.40	ST11-02.069	Muscovite	1.000	NULL	NULL	40.655	core	
Stewart	ST-11-02				61.40	62.30	ST11-02.070	Muscovite	1.000	NULL	NULL	69.259	core	
Stewart	ST-11-02				62.30	63.40	ST11-02.071	Muscovite	1.000	NULL	NULL	150.05	gouge	
Stewart	ST-11-02	16	62.95	66.95	63.40	64.25	ST11-02.072	Muscovite	1.000	NULL	NULL	100.01	gouge	
Stewart	ST-11-02				64.25	65.10	ST11-02.073	Muscovite	0.660	Chlorite-FeMg	0.340	62.077	core	
Stewart	ST-11-02				65.10	65.95	ST11-02.074	Chlorite-FeMg	0.562	Muscovite	0.438	48.373	core	dyke
Stewart	ST-11-02				65.95	66.95	ST11-02.075	NULL	NULL	NULL	NULL	NULL	core	qtz vein

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				66.95	67.90	ST11-02.076	Muscovite	1.000	NULL	NULL	108.56	gouge	
Stewart	ST-11-02	17	66.95	70.98	67.90	68.75	ST11-02.077	Muscovite	1.000	NULL	NULL	26.281	core	
Stewart	ST-11-02				68.75	69.60	ST11-02.078	Muscovite	1.000	NULL	NULL	62.124	core	dyke
Stewart	ST-11-02				69.60	70.45	ST11-02.079	Chlorite-FeMg	1.000	NULL	NULL	79.898	core	dyke
Stewart	ST-11-02				70.45	71.40	ST11-02.080	Chlorite-FeMg	1.000	NULL	NULL	109.94	core	dyke
Stewart	ST-11-02	18	70.98	74.80	71.40	72.25	ST11-02.081	Chlorite-FeMg	0.724	Muscovite	0.276	126.94	core	dyke
Stewart	ST-11-02				72.25	73.10	ST11-02.082	Muscovite	0.562	Epidote	0.438	108.87	core	dyke
Stewart	ST-11-02				73.10	73.95	ST11-02.083	Chlorite-FeMg	0.764	Epidote	0.236	87.363	core	dyke
Stewart	ST-11-02				73.95	74.80	ST11-02.084	Chlorite-FeMg	1.000	NULL	NULL	187.73	core	dyke
Stewart	ST-11-02				74.80	75.65	ST11-02.085	Muscovite	1.000	NULL	NULL	48.116	core	
Stewart	ST-11-02	19	74.80	79.05	75.65	76.50	ST11-02.086	Muscovite	1.000	NULL	NULL	66.413	core	
Stewart	ST-11-02				76.50	77.35	ST11-02.087	Muscovite	1.000	NULL	NULL	34.381	core	
Stewart	ST-11-02				77.35	78.20	ST11-02.088	Chlorite-FeMg	1.000	NULL	NULL	151.39	core	dyke
Stewart	ST-11-02				78.20	79.55	ST11-02.089	Chlorite-FeMg	1.000	NULL	NULL	156.29	core	dyke
Stewart	ST-11-02	20	79.05	81.80	79.55	80.25	ST11-02.090	Chlorite-FeMg	0.749	Muscovite	0.251	259.78	core	dyke
Stewart	ST-11-02				80.25	80.90	ST11-02.091	Muscovite	1.000	NULL	NULL	92.563	core	
Stewart	ST-11-02				80.90	81.40	ST11-02.092	Paragonite	0.625	Montmorillonite	0.375	404.40	gouge	
Stewart	ST-11-02				81.40	81.80	ST11-02.093	Muscovite	1.000	NULL	NULL	105.21	core	
Stewart	ST-11-02				81.80	82.65	ST11-02.094	Chlorite-FeMg	0.796	Muscovite	0.204	114.15	core	dyke
Stewart	ST-11-02	21	81.80	86.20	82.65	83.50	ST11-02.095	Paragonite	0.599	Montmorillonite	0.401	215.29	core	
Stewart	ST-11-02				83.50	84.35	ST11-02.096	Muscovite	1.000	NULL	NULL	198.00	core	
Stewart	ST-11-02				84.35	85.70	ST11-02.097	Muscovite	1.000	NULL	NULL	123.01	core	
Stewart	ST-11-02				85.70	86.55	ST11-02.098	Muscovite	1.000	NULL	NULL	225.92	core	
Stewart	ST-11-02	22	86.20	89.87	86.55	87.40	ST11-02.099	Muscovite	1.000	NULL	NULL	264.71	gouge	
Stewart	ST-11-02				87.40	88.25	ST11-02.100	Muscovite	1.000	NULL	NULL	61.046	core	
Stewart	ST-11-02				88.25	89.10	ST11-02.101	Muscovite	1.000	NULL	NULL	35.638	core	
Stewart	ST-11-02				89.10	89.87	ST11-02.102	Muscovite	1.000	NULL	NULL	64.515	core	
Stewart	ST-11-02				89.87	90.72	ST11-02.103	Muscovite	1.000	NULL	NULL	43.760	core	
Stewart	ST-11-02	23	89.87	94.05	90.72	91.57	ST11-02.104	Muscovite	1.000	NULL	NULL	76.215	core	
Stewart	ST-11-02				91.57	92.60	ST11-02.105	Muscovite	1.000	NULL	NULL	70.868	core	
Stewart	ST-11-02				92.60	93.45	ST11-02.106	Muscovite	1.000	NULL	NULL	57.568	core	
Stewart	ST-11-02				93.45	94.55	ST11-02.107	Chlorite-FeMg	1.000	NULL	NULL	175.41	core	dyke
Stewart	ST-11-02	24	94.05	98.14	94.55	95.40	ST11-02.108	Muscovite	1.000	NULL	NULL	58.988	core	
Stewart	ST-11-02				95.40	96.25	ST11-02.109	Muscovite	1.000	NULL	NULL	59.342	core	
Stewart	ST-11-02				96.25	97.10	ST11-02.110	Muscovite	1.000	NULL	NULL	78.609	core	
Stewart	ST-11-02				97.10	98.14	ST11-02.111	Muscovite	0.647	Chlorite-FeMg	0.353	63.531	core	
Stewart	ST-11-02				98.14	98.99	ST11-02.112	Muscovite	1.000	NULL	NULL	126.09	core	
Stewart	ST-11-02	25	98.14	102.35	98.99	99.84	ST11-02.113	Muscovite	1.000	NULL	NULL	97.848	core	
Stewart	ST-11-02				99.84	100.69	ST11-02.114	Muscovite	0.646	Chlorite-FeMg	0.354	76.794	core	
Stewart	ST-11-02				100.69	101.69	ST11-02.115	Muscovite	0.719	Chlorite-FeMg	0.281	104.94	core	
Stewart	ST-11-02				101.69	102.54	ST11-02.116	Muscovite	0.689	Chlorite-FeMg	0.311	111.81	core	
Stewart	ST-11-02	26	102.35	106.15	102.54	103.39	ST11-02.117	Muscovite	1.000	NULL	NULL	113.85	core	
Stewart	ST-11-02				103.39	104.24	ST11-02.118	Muscovite	0.585	Chlorite-FeMg	0.415	62.120	core	
Stewart	ST-11-02				104.24	105.09	ST11-02.119	Chlorite-FeMg	1.000	NULL	NULL	111.21	core	dyke
Stewart	ST-11-02				105.09	106.15	ST11-02.120	Muscovite	1.000	NULL	NULL	207.04	core	
Stewart	ST-11-02				106.15	107.15	ST11-02.121	Muscovite	1.000	NULL	NULL	92.343	core	
Stewart	ST-11-02	27	106.15	110.68	107.15	108.40	ST11-02.122	Muscovite	1.000	NULL	NULL	105.89	core	
Stewart	ST-11-02				108.40	109.25	ST11-02.123	Muscovite	0.684	Chlorite-FeMg	0.316	47.415	core	
Stewart	ST-11-02				109.25	110.10	ST11-02.124	Muscovite	1.000	NULL	NULL	182.16	core	
Stewart	ST-11-02				110.10	110.95	ST11-02.126	Muscovite	0.645	Chlorite-FeMg	0.355	93.743	core	
Stewart	ST-11-02	28	110.68	114.30	110.95	111.80	ST11-02.127	Muscovite	0.738	Chlorite-FeMg	0.262	88.699	core	
Stewart	ST-11-02				111.80	112.65	ST11-02.128	Muscovite	0.623	Chlorite-FeMg	0.377	58.999	core	
Stewart	ST-11-02				112.65	113.50	ST11-02.129	Muscovite	1.000	NULL	NULL	69.689	core	
Stewart	ST-11-02				113.50	114.30	ST11-02.130	Paragoniticillite	0.784	Chlorite-FeMg	0.216	87.795	gouge	
Stewart	ST-11-02				114.30	115.15	ST11-02.131	Muscovite	1.000	NULL	NULL	80.959	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02	29	114.30	118.20	115.15	116.00	ST11-02.132	Muscovite	0.736	Chlorite-FeMg	0.264	82.409	core	
Stewart	ST-11-02				116.00	116.85	ST11-02.133	Muscovite	1.000	NULL	NULL	99.476	core	
Stewart	ST-11-02				116.85	117.70	ST11-02.134	Muscovite	1.000	NULL	NULL	76.949	core	
Stewart	ST-11-02				117.70	118.55	ST11-02.135	Muscovite	0.686	Chlorite-FeMg	0.314	67.079	core	
Stewart	ST-11-02	30	118.20	121.98	118.55	119.40	ST11-02.136	Muscovite	0.571	Chlorite-FeMg	0.429	62.648	core	
Stewart	ST-11-02				119.40	120.25	ST11-02.137	Chlorite-FeMg	1.000	NULL	NULL	170.16	core	dyke
Stewart	ST-11-02				120.25	121.10	ST11-02.138	Muscovite	0.614	Chlorite-FeMg	0.386	62.523	core	
Stewart	ST-11-02				121.10	121.98	ST11-02.139	Muscovite	0.600	Chlorite-FeMg	0.400	70.166	core	
Stewart	ST-11-02				121.98	123.10	ST11-02.140	Muscovite	0.726	Chlorite-FeMg	0.274	62.009	core	
Stewart	ST-11-02	31	121.98	126.09	123.10	123.95	ST11-02.141	Muscovite	0.713	Chlorite-FeMg	0.287	62.341	core	
Stewart	ST-11-02				123.95	124.80	ST11-02.142	Muscovite	0.717	Chlorite-FeMg	0.283	62.468	core	
Stewart	ST-11-02				124.80	125.65	ST11-02.143	Muscovite	1.000	NULL	NULL	68.619	core	
Stewart	ST-11-02				125.65	126.50	ST11-02.144	Muscovite	0.611	Chlorite-FeMg	0.389	74.474	core	
Stewart	ST-11-02	32	126.09	130.12	126.50	127.35	ST11-02.145	Muscovite	0.570	Chlorite-FeMg	0.430	70.291	core	
Stewart	ST-11-02				127.35	128.20	ST11-02.146	Muscovite	1.000	NULL	NULL	69.941	core	
Stewart	ST-11-02				128.20	129.05	ST11-02.147	Muscovite	1.000	NULL	NULL	84.369	core	
Stewart	ST-11-02				129.05	130.12	ST11-02.148	Muscovite	1.000	NULL	NULL	61.181	core	
Stewart	ST-11-02				130.12	130.97	ST11-02.149	Muscovite	0.666	Chlorite-FeMg	0.334	63.810	core	
Stewart	ST-11-02	33	130.12	134.03	130.97	131.82	ST11-02.150	Muscovite	1.000	NULL	NULL	83.109	core	
Stewart	ST-11-02				131.82	132.67	ST11-02.151	Muscovite	1.000	NULL	NULL	89.565	core	
Stewart	ST-11-02				132.67	133.52	ST11-02.152	Muscovite	0.651	Chlorite-FeMg	0.349	41.765	core	
Stewart	ST-11-02				133.52	134.37	ST11-02.153	Muscovite	1.000	NULL	NULL	141.03	gouge	
Stewart	ST-11-02	34	134.03	137.88	134.37	135.22	ST11-02.154	Muscovite	1.000	NULL	NULL	50.615	core	
Stewart	ST-11-02				135.22	136.07	ST11-02.155	Muscovite	1.000	NULL	NULL	124.25	core	
Stewart	ST-11-02				136.07	136.92	ST11-02.156	Muscovite	1.000	NULL	NULL	62.237	core	
Stewart	ST-11-02				136.92	137.88	ST11-02.157	Muscovite	1.000	NULL	NULL	137.24	core	
Stewart	ST-11-02				137.88	138.73	ST11-02.158	Muscovite	1.000	NULL	NULL	77.876	core	
Stewart	ST-11-02	35	137.88	141.97	138.73	139.60	ST11-02.159	Muscovite	1.000	NULL	NULL	156.95	core	
Stewart	ST-11-02				139.60	140.45	ST11-02.160	Muscovite	1.000	NULL	NULL	116.88	core	
Stewart	ST-11-02				140.45	141.30	ST11-02.161	Muscovite	1.000	NULL	NULL	203.48	core	
Stewart	ST-11-02				141.30	142.15	ST11-02.162	Muscovite	1.000	NULL	NULL	315.82	core	
Stewart	ST-11-02	36	141.97	145.93	142.15	143.00	ST11-02.163	Paragonite	0.560	Chlorite-Fe	0.440	162.03	core	
Stewart	ST-11-02				143.00	143.85	ST11-02.164	Paragonite	0.736	Montmorillonite	0.264	110.74	core	
Stewart	ST-11-02				143.85	144.70	ST11-02.165	Paragonite	0.753	Montmorillonite	0.247	109.02	core	
Stewart	ST-11-02				144.70	145.93	ST11-02.166	Paragonite	0.762	Montmorillonite	0.238	102.25	core	
Stewart	ST-11-02				145.93	146.78	ST11-02.167	Paragonite	0.753	Montmorillonite	0.247	169.21	core	
Stewart	ST-11-02	37	145.93	150.10	146.78	147.63	ST11-02.168	Paragonite	1.000	NULL	NULL	101.25	core	
Stewart	ST-11-02				147.63	148.70	ST11-02.169	Muscovite	1.000	NULL	NULL	119.03	core	
Stewart	ST-11-02				148.70	149.55	ST11-02.170	Paragonite	1.000	NULL	NULL	163.74	core	
Stewart	ST-11-02				149.55	150.60	ST11-02.171	Paragonite	0.744	Montmorillonite	0.256	89.592	core	
Stewart	ST-11-02	38	150.10	154.39	150.60	151.50	ST11-02.172	Paragonite	0.724	Montmorillonite	0.276	184.22	core	
Stewart	ST-11-02				151.50	152.40	ST11-02.173	Muscovite	0.647	Chlorite-FeMg	0.353	215.93	core	
Stewart	ST-11-02				152.40	153.30	ST11-02.174	Muscovite	1.000	NULL	NULL	168.14	core	
Stewart	ST-11-02				153.30	154.39	ST11-02.175	Muscovite	1.000	NULL	NULL	205.45	core	
Stewart	ST-11-02				154.39	155.29	ST11-02.176	Muscovite	1.000	NULL	NULL	245.45	core	
Stewart	ST-11-02	39	154.39	158.61	155.29	156.19	ST11-02.177	Muscovite	1.000	NULL	NULL	203.01	core	
Stewart	ST-11-02				156.19	157.09	ST11-02.178	Muscovite	1.000	NULL	NULL	284.61	core	
Stewart	ST-11-02				157.09	157.99	ST11-02.179	Muscovite	0.642	Chlorite-FeMg	0.358	252.73	core	
Stewart	ST-11-02				157.99	158.89	ST11-02.180	Paragonite	0.723	Montmorillonite	0.277	212.82	core	
Stewart	ST-11-02	40	158.61	162.90	158.89	159.79	ST11-02.181	Muscovite	1.000	NULL	NULL	215.19	gouge	
Stewart	ST-11-02				159.79	160.90	ST11-02.182	Paragonite	0.740	Montmorillonite	0.260	123.82	core	
Stewart	ST-11-02				160.90	161.80	ST11-02.183	Paragonite	0.733	Montmorillonite	0.267	97.406	core	
Stewart	ST-11-02				161.80	162.90	ST11-02.184	Paragonite	0.734	Montmorillonite	0.266	157.49	core	
Stewart	ST-11-02				162.90	163.80	ST11-02.185	Paragonite	0.735	Montmorillonite	0.265	212.72	gouge	
Stewart	ST-11-02	41	162.90	166.97	163.80	164.70	ST11-02.186	Paragonite	0.567	Chlorite-Fe	0.433	109.37	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				164.70	165.60	ST11-02.187	Paragonite	1.000	NULL	NULL	206.36	gouge	
Stewart	ST-11-02				165.60	166.50	ST11-02.188	Paragonite	0.722	Montmorillonite	0.278	138.22	gouge	
Stewart	ST-11-02				166.50	167.40	ST11-02.189	Paragonite	0.707	Montmorillonite	0.293	107.11	core	
Stewart	ST-11-02	42	166.97	170.93	167.40	168.30	ST11-02.190	Paragonite	0.676	Kaolinite-PX	0.324	117.52	core	
Stewart	ST-11-02				168.30	169.20	ST11-02.191	Paragonite	0.676	Montmorillonite	0.324	113.93	core	
Stewart	ST-11-02				169.20	170.10	ST11-02.192	Paragonite	0.678	Montmorillonite	0.322	104.76	core	
Stewart	ST-11-02				170.10	170.93	ST11-02.193	Paragonite	1.000	NULL	NULL	147.49	core	
Stewart	ST-11-02				170.93	171.83	ST11-02.194	Paragonite	1.000	NULL	NULL	242.56	core	
Stewart	ST-11-02	43	170.93	175.37	171.83	172.73	ST11-02.198	Paragonite	0.602	Gypsum	0.398	88.278	core	
Stewart	ST-11-02				172.73	173.63	ST11-02.199	Paragonite	0.802	Gypsum	0.198	103.68	core	
Stewart	ST-11-02				173.63	174.80	ST11-02.200	Paragonite	0.542	Gypsum	0.458	86.216	core	
Stewart	ST-11-02				174.80	175.70	ST11-02.201	Paragonite	0.772	Gypsum	0.228	89.064	core	
Stewart	ST-11-02	44	175.37	179.33	175.70	176.60	ST11-02.202	Paragonite	0.818	Kaolinite-PX	0.182	86.555	core	
Stewart	ST-11-02				176.60	177.50	ST11-02.203	Paragonite	1.000	NULL	NULL	118.51	core	crenulated
Stewart	ST-11-02				177.50	178.40	ST11-02.204	Paragonite	0.630	Pyrophyllite	0.370	126.79	core	
Stewart	ST-11-02				178.40	179.33	ST11-02.205	Paragonite	0.568	Pyrophyllite	0.432	119.57	core	
Stewart	ST-11-02				179.33	180.23	ST11-02.206	Paragonite	0.683	Pyrophyllite	0.317	79.413	core	
Stewart	ST-11-02	45	179.33	183.39	180.23	181.13	ST11-02.208	Paragonite	0.682	Pyrophyllite	0.318	86.241	core	
Stewart	ST-11-02				181.13	182.03	ST11-02.209	Paragonite	0.589	Pyrophyllite	0.411	195.63	core	
Stewart	ST-11-02				182.03	182.93	ST11-02.210	Pyrophyllite	1.000	NULL	NULL	162.95	core	
Stewart	ST-11-02				182.93	183.78	ST11-02.211	Kaolinite-WX	0.631	Pyrophyllite	0.369	87.540	core	
Stewart	ST-11-02	46	183.39	187.45	183.78	184.63	ST11-02.212	Pyrophyllite	0.811	Dickite	0.189	59.001	core	
Stewart	ST-11-02				184.63	185.30	ST11-02.213	Pyrophyllite	0.817	Dickite	0.183	76.888	core	
Stewart	ST-11-02				185.30	186.20	ST11-02.214	Paragonite	0.808	Pyrophyllite	0.192	161.62	core	
Stewart	ST-11-02				186.20	187.45	ST11-02.215	Paragonite	0.788	Pyrophyllite	0.212	153.52	core	
Stewart	ST-11-02				187.45	188.95	ST11-02.216	Paragonite	0.819	Pyrophyllite	0.181	124.74	core	
Stewart	ST-11-02	47	187.45	194.00	188.95	190.45	ST11-02.217	Paragonite	0.807	Pyrophyllite	0.193	254.14	gouge	
Stewart	ST-11-02				190.45	191.95	ST11-02.218	Paragonite	0.823	Kaolinite-PX	0.177	162.60	gouge	
Stewart	ST-11-02				191.95	193.45	ST11-02.219	Paragonite	0.633	Pyrophyllite	0.367	336.82	gouge	
Stewart	ST-11-02				193.45	194.50	ST11-02.220	Paragonite	0.758	Pyrophyllite	0.242	151.89	gouge	
Stewart	ST-11-02	48	194.00	197.85	194.50	195.30	ST11-02.221	Pyrophyllite	0.585	Dickite	0.415	204.14	gouge	
Stewart	ST-11-02				195.30	196.10	ST11-02.222	Paragonite	0.720	Pyrophyllite	0.280	187.51	gouge	
Stewart	ST-11-02				196.10	196.90	ST11-02.223	Pyrophyllite	0.679	Dickite	0.321	62.962	core	
Stewart	ST-11-02				196.90	197.85	ST11-02.224	Pyrophyllite	0.533	Kaolinite-WX	0.467	80.987	core	
Stewart	ST-11-02				197.85	198.70	ST11-02.225	Muscovite	0.547	Pyrophyllite	0.453	102.79	core	
Stewart	ST-11-02	49	197.85	201.22	198.70	199.55	ST11-02.226	Muscovite	0.535	Pyrophyllite	0.465	127.90	core	
Stewart	ST-11-02				199.55	200.40	ST11-02.227	Paragonite	0.766	Pyrophyllite	0.234	172.20	core	
Stewart	ST-11-02				200.40	201.76	ST11-02.228	Paragonite	0.812	Pyrophyllite	0.188	163.72	core	
Stewart	ST-11-02				201.76	202.36	ST11-02.229	Muscovite	0.558	Pyrophyllite	0.442	119.80	core	
Stewart	ST-11-02	50	201.22	204.80	202.36	202.96	ST11-02.230	Paragonite	0.758	Kaolinite-PX	0.242	162.71	gouge	
Stewart	ST-11-02				202.96	203.56	ST11-02.231	Paragonite	0.772	Pyrophyllite	0.228	237.36	gouge	
Stewart	ST-11-02				203.56	204.16	ST11-02.232	Paragonite	0.631	Pyrophyllite	0.369	223.88	gouge	
Stewart	ST-11-02				204.16	204.80	ST11-02.233	Dickite	0.635	Pyrophyllite	0.365	241.25	gouge	
Stewart	ST-11-02				204.80	205.80	ST11-02.234	Dickite	0.507	Pyrophyllite	0.493	331.21	gouge	
Stewart	ST-11-02	51	204.80	209.80	205.80	206.70	ST11-02.235	Pyrophyllite	0.604	Dickite	0.396	93.341	gouge	
Stewart	ST-11-02				206.70	207.70	ST11-02.236	Pyrophyllite	0.714	Dickite	0.286	87.520	gouge	
Stewart	ST-11-02				207.70	209.23	ST11-02.237	Pyrophyllite	0.703	Dickite	0.297	159.16	gouge	
Stewart	ST-11-02				209.23	210.08	ST11-02.238	Paragonite	0.646	Pyrophyllite	0.354	134.10	gouge	beginning of vuggy text
Stewart	ST-11-02	52	209.80	212.85	210.08	210.93	ST11-02.239	Paragonite	0.557	Pyrophyllite	0.443	191.81	gouge	
Stewart	ST-11-02				210.93	211.78	ST11-02.240	Paragonite	0.545	Pyrophyllite	0.455	254.88	gouge	
Stewart	ST-11-02				211.78	212.63	ST11-02.241	Pyrophyllite	0.629	Alunite-Na	0.371	322.61	gouge	
Stewart	ST-11-02				212.63	212.85	ST11-02.242	Paragonite	0.712	Pyrophyllite	0.288	207.63	gouge	
Stewart	ST-11-02				212.85	213.60	ST11-02.243	Kaolinite-WX	0.519	Paragonite	0.481	272.76	gouge	
Stewart	ST-11-02	53	212.85	216.05	213.60	214.35	ST11-02.244	Paragonite	0.703	Pyrophyllite	0.297	136.81	gouge	
Stewart	ST-11-02				214.35	215.10	ST11-02.245	Paragonite	0.530	Pyrophyllite	0.470	273.12	gouge	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				215.10	215.62	ST11-02.246	Alunite-Na	0.510	Paragonite	0.490	412.18	gouge	
Stewart	ST-11-02				215.62	216.47	ST11-02.247	Paragonite	0.615	Pyrophyllite	0.385	439.39	gouge	
Stewart	ST-11-02	54	216.05	219.71	216.47	217.32	ST11-02.248	Paragonite	0.781	Alunite-Na	0.219	252.92	gouge	
Stewart	ST-11-02				217.32	218.17	ST11-02.249	Paragonite	0.742	Pyrophyllite	0.258	186.27	gouge	
Stewart	ST-11-02				218.17	219.02	ST11-02.250	Alunite-Na	0.540	Pyrophyllite	0.460	389.90	gouge	
Stewart	ST-11-02				219.02	219.71	ST11-02.251	Paragonite	0.686	Pyrophyllite	0.314	230.85	gouge	
Stewart	ST-11-02				219.71	220.46	ST11-02.252	Paragonite	0.804	Pyrophyllite	0.196	208.47	gouge	
Stewart	ST-11-02	55	219.71	223.05	220.46	221.21	ST11-02.253	Paragonite	0.675	Pyrophyllite	0.325	234.06	gouge	
Stewart	ST-11-02				221.21	221.96	ST11-02.254	Paragonite	0.674	Alunite-Na	0.326	349.36	gouge	
Stewart	ST-11-02				221.96	222.71	ST11-02.255	Alunite-Na	0.589	Pyrophyllite	0.411	401.59	gouge	
Stewart	ST-11-02				222.71	223.56	ST11-02.256	Paragonite	0.722	Pyrophyllite	0.278	169.24	gouge	
Stewart	ST-11-02	56	223.05	226.51	223.56	224.31	ST11-02.257	Alunite-Na	0.523	Paragonite	0.477	253.93	gouge	
Stewart	ST-11-02				224.31	225.06	ST11-02.258	Paragonite	1.000	NULL	NULL	263.77	gouge	
Stewart	ST-11-02				225.06	225.81	ST11-02.259	Paragonite	0.612	Pyrophyllite	0.388	104.06	gouge	
Stewart	ST-11-02				225.81	226.51	ST11-02.260	Paragonite	0.640	Pyrophyllite	0.360	422.29	gouge	
Stewart	ST-11-02				226.51	227.31	ST11-02.261	Paragonite	0.774	Pyrophyllite	0.226	242.94	gouge	
Stewart	ST-11-02	57	226.51	230.34	227.31	228.11	ST11-02.262	Pyrophyllite	0.733	Alunite-Na	0.267	144.42	gouge	
Stewart	ST-11-02				228.11	228.91	ST11-02.263	Pyrophyllite	0.608	Paragonite	0.392	139.08	gouge	
Stewart	ST-11-02				228.91	229.90	ST11-02.264	Pyrophyllite	0.532	Dickite	0.468	251.43	gouge	
Stewart	ST-11-02				229.90	230.70	ST11-02.265	Paragonite	0.678	Alunite-Na	0.322	327.10	gouge	
Stewart	ST-11-02	58	230.34	234.13	230.70	231.50	ST11-02.266	Muscovite	0.564	Pyrophyllite	0.436	87.600	core	
Stewart	ST-11-02				231.50	232.30	ST11-02.267	Alunite-Na	0.514	Paragonite	0.486	184.58	core	
Stewart	ST-11-02				232.30	233.10	ST11-02.268	Pyrophyllite	0.773	Dickite	0.227	56.137	core	
Stewart	ST-11-02				233.10	234.13	ST11-02.269	Pyrophyllite	1.000	NULL	NULL	96.405	core	
Stewart	ST-11-02				234.13	234.83	ST11-02.270	Muscovite	0.548	Pyrophyllite	0.452	118.57	core	
Stewart	ST-11-02	59	234.13	238.12	234.83	235.53	ST11-02.271	Pyrophyllite	1.000	NULL	NULL	95.681	core	
Stewart	ST-11-02				235.53	236.30	ST11-02.272	Pyrophyllite	0.542	Paragonite	0.458	101.96	core	
Stewart	ST-11-02				236.30	237.30	ST11-02.273	Paragonite	0.578	Alunite-Na	0.422	312.28	core	
Stewart	ST-11-02				237.30	238.30	ST11-02.274	Alunite-Na	1.000	NULL	NULL	62.217	core	
Stewart	ST-11-02	60	238.12	242.22	238.30	239.30	ST11-02.275	Pyrophyllite	0.699	Alunite-Na	0.301	72.492	core	
Stewart	ST-11-02				239.30	240.30	ST11-02.276	Pyrophyllite	0.801	Dickite	0.199	79.940	core	
Stewart	ST-11-02				240.30	241.30	ST11-02.277	Pyrophyllite	0.731	Dickite	0.269	67.670	core	
Stewart	ST-11-02				241.30	242.22	ST11-02.278	Alunite-Na	0.709	Pyrophyllite	0.291	58.344	core	
Stewart	ST-11-02				242.22	242.97	ST11-02.279	Pyrophyllite	1.000	NULL	NULL	63.087	core	
Stewart	ST-11-02	61	242.22	245.72	242.97	243.72	ST11-02.280	Pyrophyllite	1.000	NULL	NULL	63.087	core	
Stewart	ST-11-02				243.72	244.47	ST11-02.281	Pyrophyllite	0.625	Paragonite	0.375	117.47	core	
Stewart	ST-11-02				244.47	245.22	ST11-02.282	Alunite-Na	0.651	Pyrophyllite	0.349	71.563	core	good vuggy text
Stewart	ST-11-02				245.22	245.97	ST11-02.283	Paragonite	0.656	Alunite-Na	0.344	306.20	core	
Stewart	ST-11-02	62	245.72	249.31	245.97	246.72	ST11-02.284	Paragonite	0.595	Pyrophyllite	0.405	445.85	core	
Stewart	ST-11-02				246.72	247.47	ST11-02.285	Paragonite	0.679	Pyrophyllite	0.321	112.68	core	
Stewart	ST-11-02				247.47	248.22	ST11-02.286	Muscovite	0.519	Pyrophyllite	0.481	123.99	core	
Stewart	ST-11-02				248.22	249.31	ST11-02.287	Pyrophyllite	0.544	Dickite	0.456	169.79	core	
Stewart	ST-11-02				249.31	250.11	ST11-02.288	Pyrophyllite	0.654	Alunite-Na	0.346	112.89	core	
Stewart	ST-11-02	63	249.31	253.70	250.11	250.91	ST11-02.289	Pyrophyllite	0.509	Muscovite	0.491	102.87	gouge	
Stewart	ST-11-02				250.91	251.71	ST11-02.290	Paragonite	0.651	Alunite-Na	0.349	57.717	core	
Stewart	ST-11-02				251.71	252.51	ST11-02.291	Pyrophyllite	0.539	Alunite-Na	0.461	108.02	gouge	
Stewart	ST-11-02				252.51	253.31	ST11-02.292	Paragonite	0.746	Pyrophyllite	0.254	281.05	gouge	
Stewart	ST-11-02	64	253.70	256.80	253.31	254.11	ST11-02.293	Pyrophyllite	0.534	Paragonite	0.466	271.06	core	
Stewart	ST-11-02				254.11	254.91	ST11-02.295	Muscovite	0.627	Pyrophyllite	0.373	161.79	core	
Stewart	ST-11-02				254.91	255.71	ST11-02.296	Paragonite	0.583	Pyrophyllite	0.417	307.10	core	
Stewart	ST-11-02				255.71	256.80	ST11-02.297	Pyrophyllite	0.510	Alunite-Na	0.490	136.71	core	
Stewart	ST-11-02				256.80	257.35	ST11-02.298	Paragonite	1.000	NULL	NULL	195.55	core	
Stewart	ST-11-02	65	256.80	260.00	257.35	258.00	ST11-02.299	Paragonite	0.815	Pyrophyllite	0.185	334.26	core	
Stewart	ST-11-02				258.00	258.85	ST11-02.300	Paragonite	0.829	Pyrophyllite	0.171	214.91	core	
Stewart	ST-11-02				258.85	259.70	ST11-02.301	Dickite	0.726	Pyrophyllite	0.274	128.57	gouge	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				259.70	260.55	ST11-02.302	Pyrophyllite	0.563	Alunite-Na	0.437	104.41	core	
Stewart	ST-11-02	66	260.00	264.26	260.55	261.40	ST11-02.303	Alunite-Na	0.558	Paragonite	0.442	119.00	core	
Stewart	ST-11-02				261.40	262.25	ST11-02.304	Alunite-Na	0.505	Paragonite	0.495	85.794	core	
Stewart	ST-11-02				262.25	263.10	ST11-02.305	Alunite-Na	1.000	NULL	NULL	65.660	core	
Stewart	ST-11-02				263.10	264.26	ST11-02.306	Alunite-Na	0.706	Paragonite	0.294	237.23	core	
Stewart	ST-11-02				264.26	265.11	ST11-02.307	Alunite-Na	0.679	Paragonite	0.321	82.276	core	
Stewart	ST-11-02	67	264.26	267.95	265.11	265.96	ST11-02.308	Alunite-Na	0.613	Pyrophyllite	0.387	123.50	core	
Stewart	ST-11-02				265.96	266.81	ST11-02.309	Alunite-Na	1.000	NULL	NULL	179.02	core	pinkish vein
Stewart	ST-11-02				266.81	267.66	ST11-02.310	Pyrophyllite	0.729	Dickite	0.271	127.08	core	
Stewart	ST-11-02				267.66	268.51	ST11-02.311	Paragonite	0.614	Alunite-Na	0.386	193.45	gouge	
Stewart	ST-11-02	68	267.95	271.91	268.51	269.36	ST11-02.312	Alunite-Na	1.000	NULL	NULL	382.34	core	pinkish vein
Stewart	ST-11-02				269.36	270.21	ST11-02.313	Alunite-Na	0.617	Paragonite	0.383	93.862	core	
Stewart	ST-11-02				270.21	271.06	ST11-02.314	Pyrophyllite	0.581	Dickite	0.419	30.853	core	
Stewart	ST-11-02				271.06	271.91	ST11-02.315	Paragonite	0.809	Pyrophyllite	0.191	291.67	core	
Stewart	ST-11-02				271.91	272.66	ST11-02.316	Alunite-Na	0.607	Paragonite	0.393	86.255	core	
Stewart	ST-11-02	69	271.91	275.45	272.66	273.41	ST11-02.317	Pyrophyllite	0.596	Paragonite	0.404	118.23	core	
Stewart	ST-11-02				273.41	274.16	ST11-02.318	Paragonite	0.791	Pyrophyllite	0.209	164.03	core	
Stewart	ST-11-02				274.16	275.00	ST11-02.319	Paragonite	0.684	Pyrophyllite	0.316	198.90	core	
Stewart	ST-11-02				275.00	275.75	ST11-02.320	Alunite-Na	0.520	Pyrophyllite	0.480	104.77	core	
Stewart	ST-11-02	70	275.45	279.03	275.75	276.50	ST11-02.321	Pyrophyllite	0.828	Dickite	0.172	54.157	core	
Stewart	ST-11-02				276.50	277.25	ST11-02.322	Pyrophyllite	0.540	Paragonite	0.460	117.38	core	
Stewart	ST-11-02				277.25	278.00	ST11-02.323	Paragonite	0.748	Pyrophyllite	0.252	204.14	core	
Stewart	ST-11-02				278.00	279.03	ST11-02.324	Paragonite	0.549	Pyrophyllite	0.451	144.31	core	
Stewart	ST-11-02				279.03	279.83	ST11-02.325	Pyrophyllite	0.522	Alunite-Na	0.478	115.80	core	
Stewart	ST-11-02	71	279.03	282.90	279.83	280.63	ST11-02.326	Pyrophyllite	0.721	Alunite-Na	0.279	285.09	core	
Stewart	ST-11-02				280.63	281.43	ST11-02.327	Alunite-Na	0.819	Dickite	0.181	114.76	core	pink vein
Stewart	ST-11-02				281.43	282.23	ST11-02.328	Alunite-Na	0.764	Pyrophyllite	0.236	93.412	core	
Stewart	ST-11-02				282.23	283.03	ST11-02.329	Paragonite	0.712	Alunite-Na	0.288	364.46	core	
Stewart	ST-11-02	72	282.90	286.57	283.03	283.83	ST11-02.330	Pyrophyllite	0.709	Dickite	0.291	121.50	core	
Stewart	ST-11-02				283.83	284.63	ST11-02.331	Paragonite	0.767	Kaolinite-PX	0.233	173.55	core	
Stewart	ST-11-02				284.63	285.43	ST11-02.332	Paragonite	0.661	Pyrophyllite	0.339	240.49	core	
Stewart	ST-11-02				285.43	286.57	ST11-02.333	Paragonite	0.510	Pyrophyllite	0.490	151.96	core	
Stewart	ST-11-02				286.57	287.42	ST11-02.334	Pyrophyllite	0.671	Dickite	0.329	171.63	core	
Stewart	ST-11-02	73	286.57	290.40	287.42	288.27	ST11-02.335	Paragonite	0.636	Pyrophyllite	0.364	266.47	core	
Stewart	ST-11-02				288.27	289.12	ST11-02.336	Pyrophyllite	0.627	Dickite	0.373	137.28	core	
Stewart	ST-11-02				289.12	289.97	ST11-02.337	Pyrophyllite	0.754	Dickite	0.246	79.819	core	
Stewart	ST-11-02				289.97	290.82	ST11-02.338	Paragonite	0.623	Pyrophyllite	0.377	295.33	core	
Stewart	ST-11-02	74	290.40	294.58	290.82	291.67	ST11-02.339	Pyrophyllite	0.771	Alunite-Na	0.229	155.60	core	
Stewart	ST-11-02				291.67	292.52	ST11-02.340	Paragonite	0.515	Pyrophyllite	0.485	205.88	core	
Stewart	ST-11-02				292.52	293.37	ST11-02.341	Paragonite	0.630	Pyrophyllite	0.370	288.88	core	
Stewart	ST-11-02				293.37	294.58	ST11-02.342	Pyrophyllite	0.529	Paragonite	0.471	218.26	core	
Stewart	ST-11-02				294.58	295.43	ST11-02.343	Pyrophyllite	0.567	Dickite	0.433	130.85	core	
Stewart	ST-11-02	75	294.58	298.28	295.43	296.28	ST11-02.344	Pyrophyllite	0.547	Dickite	0.453	97.894	core	
Stewart	ST-11-02				296.28	297.13	ST11-02.345	Dickite	0.711	Pyrophyllite	0.289	142.15	core	
Stewart	ST-11-02				297.13	297.98	ST11-02.346	Pyrophyllite	0.639	Dickite	0.361	88.678	core	
Stewart	ST-11-02				297.98	298.83	ST11-02.347	Pyrophyllite	0.563	Alunite-Na	0.437	236.20	core	crenulated pink vein
Stewart	ST-11-02	76	298.28	302.33	298.83	299.68	ST11-02.349	Pyrophyllite	0.756	Kaolinite-VWX	0.244	68.184	core	
Stewart	ST-11-02				299.68	300.53	ST11-02.350	Pyrophyllite	0.529	Dickite	0.471	196.00	core	
Stewart	ST-11-02				300.53	301.38	ST11-02.351	Paragonite	0.787	Kaolinite-PX	0.213	171.62	core	
Stewart	ST-11-02				301.38	302.33	ST11-02.352	Paragonite	0.608	Pyrophyllite	0.392	343.32	core	
Stewart	ST-11-02				302.33	303.23	ST11-02.353	Pyrophyllite	0.638	Paragonite	0.362	167.04	core	
Stewart	ST-11-02	77	302.33	306.68	303.23	304.13	ST11-02.354	Dickite	0.522	Alunite-Na	0.478	160.58	core	
Stewart	ST-11-02				304.13	305.03	ST11-02.355	Alunite-Na	0.555	Pyrophyllite	0.445	74.721	core	
Stewart	ST-11-02				305.03	305.93	ST11-02.356	Pyrophyllite	0.828	Alunite-Na	0.172	53.939	core	
Stewart	ST-11-02				305.93	306.83	ST11-02.357	Dickite	0.612	Alunite-Na	0.388	165.63	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02	78	306.68	310.69	306.83	307.73	ST11-02.358	Muscovite	0.652	Pyrophyllite	0.348	51.866	core	
Stewart	ST-11-02				307.73	308.63	ST11-02.359	Paragonite	0.563	Pyrophyllite	0.437	133.61	core	
Stewart	ST-11-02				308.63	309.53	ST11-02.360	Paragonite	0.512	Pyrophyllite	0.488	213.61	core	
Stewart	ST-11-02				309.53	310.69	ST11-02.361	Pyrophyllite	0.632	Alunite-Na	0.368	242.02	core	
Stewart	ST-11-02				310.69	311.49	ST11-02.362	Alunite-Na	0.519	Pyrophyllite	0.481	107.57	core	
Stewart	ST-11-02	79	310.69	314.50	311.49	312.29	ST11-02.363	Alunite-Na	1.000	NULL	NULL	202.08	core	
Stewart	ST-11-02				312.29	313.09	ST11-02.364	Pyrophyllite	0.543	Alunite-Na	0.457	180.03	core	
Stewart	ST-11-02				313.09	313.89	ST11-02.365	Pyrophyllite	0.671	Dickite	0.329	90.249	core	
Stewart	ST-11-02				313.89	314.69	ST11-02.366	Pyrophyllite	0.578	Dickite	0.422	156.80	core	
Stewart	ST-11-02	80	314.50	318.35	314.69	315.49	ST11-02.367	Dickite	0.630	Pyrophyllite	0.370	234.96	core	
Stewart	ST-11-02				315.49	316.29	ST11-02.368	Pyrophyllite	0.529	Alunite-Na	0.471	202.58	core	
Stewart	ST-11-02				316.29	317.09	ST11-02.369	Paragonite	0.667	Pyrophyllite	0.333	158.70	core	
Stewart	ST-11-02				317.09	318.35	ST11-02.370	Paragonite	0.731	Pyrophyllite	0.269	322.17	core	
Stewart	ST-11-02				318.35	319.15	ST11-02.371	Paragonite	0.738	Alunite-Na	0.262	264.12	core	
Stewart	ST-11-02	81	318.35	321.99	319.15	319.95	ST11-02.372	Alunite-Na	0.552	Paragonite	0.448	205.94	core	
Stewart	ST-11-02				319.95	320.75	ST11-02.373	Pyrophyllite	0.556	Alunite-Na	0.444	202.17	core	
Stewart	ST-11-02				320.75	321.55	ST11-02.374	Pyrophyllite	0.744	Alunite-Na	0.256	118.92	core	
Stewart	ST-11-02				321.55	322.47	ST11-02.375	Alunite-Na	0.615	Dickite	0.385	168.54	core	
Stewart	ST-11-02	82	321.99	325.91	322.47	323.27	ST11-02.376	Paragonite	0.525	Alunite-Na	0.475	118.66	core	
Stewart	ST-11-02				323.27	324.07	ST11-02.377	Paragonite	0.813	Pyrophyllite	0.187	115.71	core	
Stewart	ST-11-02				324.07	324.87	ST11-02.378	Alunite-Na	0.698	Pyrophyllite	0.302	155.11	core	
Stewart	ST-11-02				324.87	325.91	ST11-02.379	Alunite-Na	0.765	Paragonite	0.235	102.59	core	
Stewart	ST-11-02				325.91	326.76	ST11-02.380	Paragonite	0.710	Pyrophyllite	0.290	127.14	core	
Stewart	ST-11-02	83	325.91	330.00	326.76	327.61	ST11-02.381	Paragonite	1.000	NULL	NULL	275.91	core	
Stewart	ST-11-02				327.61	328.46	ST11-02.382	Dickite	0.761	Alunite-Na	0.239	163.73	core	
Stewart	ST-11-02				328.46	329.31	ST11-02.383	Paragonite	0.689	Pyrophyllite	0.311	164.91	core	
Stewart	ST-11-02				329.31	330.16	ST11-02.384	Paragonite	0.826	Pyrophyllite	0.174	254.38	core	
Stewart	ST-11-02	84	330.00	333.72	330.16	331.01	ST11-02.385	Muscovite	0.624	Pyrophyllite	0.376	136.30	core	
Stewart	ST-11-02				331.01	331.86	ST11-02.386	Pyrophyllite	0.673	Dickite	0.327	115.96	core	
Stewart	ST-11-02				331.86	332.71	ST11-02.387	Paragonite	0.548	Pyrophyllite	0.452	117.56	core	
Stewart	ST-11-02				332.71	333.72	ST11-02.388	Paragonite	0.693	Alunite-Na	0.307	210.43	core	
Stewart	ST-11-02				333.72	334.72	ST11-02.389	Pyrophyllite	0.670	Alunite-Na	0.330	70.769	core	
Stewart	ST-11-02	85	333.72	337.80	334.72	335.57	ST11-02.390	Pyrophyllite	0.681	Alunite-Na	0.319	169.77	core	
Stewart	ST-11-02				335.57	336.42	ST11-02.391	Alunite-Na	0.843	Pyrophyllite	0.157	67.249	core	
Stewart	ST-11-02				336.42	337.27	ST11-02.392	Paragonite	0.585	Pyrophyllite	0.415	160.78	core	
Stewart	ST-11-02				337.27	338.30	ST11-02.393	Paragonite	0.628	Pyrophyllite	0.372	133.23	core	
Stewart	ST-11-02	86	337.80	341.97	338.30	339.15	ST11-02.394	Alunite-Na	1.000	NULL	NULL	156.45	core	
Stewart	ST-11-02				339.15	340.00	ST11-02.395	Muscovite	0.662	Pyrophyllite	0.338	154.85	core	
Stewart	ST-11-02				340.00	340.85	ST11-02.396	Paragonite	0.719	Pyrophyllite	0.281	150.45	core	
Stewart	ST-11-02				340.85	341.97	ST11-02.397	Paragonite	0.737	Alunite-Na	0.263	223.38	core	
Stewart	ST-11-02				341.97	342.97	ST11-02.398	Paragonite	0.826	Pyrophyllite	0.174	233.80	core	
Stewart	ST-11-02	87	341.97	346.34	342.97	343.90	ST11-02.399	Alunite-Na	0.709	Muscovite	0.291	61.799	core	
Stewart	ST-11-02				343.90	344.75	ST11-02.400	Paragonite	0.591	Pyrophyllite	0.409	221.31	core	
Stewart	ST-11-02				344.75	345.60	ST11-02.401	Paragonite	0.674	Pyrophyllite	0.326	181.51	core	
Stewart	ST-11-02				345.60	346.84	ST11-02.402	Alunite-Na	0.541	Paragonite	0.459	175.76	core	
Stewart	ST-11-02	88	346.34	349.95	346.84	347.64	ST11-02.403	Paragonite	0.674	Alunite-Na	0.326	272.94	core	
Stewart	ST-11-02				347.64	348.44	ST11-02.404	Alunite-Na	1.000	NULL	NULL	69.641	core	
Stewart	ST-11-02				348.44	349.24	ST11-02.405	Alunite-Na	0.634	Paragonite	0.366	111.15	core	
Stewart	ST-11-02				349.24	349.95	ST11-02.406	Paragonite	0.704	Alunite-Na	0.296	96.448	core	
Stewart	ST-11-02				349.95	350.95	ST11-02.407	Paragonite	0.797	Pyrophyllite	0.203	129.51	core	
Stewart	ST-11-02	89	349.95	353.61	350.95	351.75	ST11-02.408	Paragonite	0.669	Pyrophyllite	0.331	185.78	core	
Stewart	ST-11-02				351.75	352.55	ST11-02.409	Alunite-Na	1.000	NULL	NULL	178.55	vein	
Stewart	ST-11-02				352.55	353.35	ST11-02.410	Paragonite	0.719	Alunite-Na	0.281	146.49	core	
Stewart	ST-11-02				353.35	354.11	ST11-02.411	Paragonite	0.736	Alunite-Na	0.264	217.61	core	
Stewart	ST-11-02	90	353.61	357.98	354.11	354.96	ST11-02.412	Paragonite	0.577	Pyrophyllite	0.423	250.20	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				354.96	356.10	ST11-02.413	Paragonite	0.838	Pyrophyllite	0.162	242.13	core	
Stewart	ST-11-02				356.10	356.95	ST11-02.414	Paragonite	0.613	Pyrophyllite	0.387	111.03	core	
Stewart	ST-11-02				356.95	357.98	ST11-02.415	Paragonite	0.786	Pyrophyllite	0.214	224.11	core	
Stewart	ST-11-02				357.98	358.68	ST11-02.416	Paragonite	1.000	NULL	NULL	186.25	core	
Stewart	ST-11-02	91	357.98	361.09	358.68	359.38	ST11-02.417	Muscovite	0.743	Pyrophyllite	0.257	218.78	gouge	
Stewart	ST-11-02				359.38	360.03	ST11-02.418	Paragonite	0.782	Pyrophyllite	0.218	330.70	core	
Stewart	ST-11-02				360.03	360.73	ST11-02.419	Paragonite	1.000	NULL	NULL	186.44	core	
Stewart	ST-11-02				360.73	361.59	ST11-02.420	Paragonite	1.000	NULL	NULL	162.91	core	
Stewart	ST-11-02	92	361.09	363.97	361.59	362.24	ST11-02.421	Paragonite	1.000	NULL	NULL	162.24	core	
Stewart	ST-11-02				362.24	362.89	ST11-02.422	Paragonite	1.000	NULL	NULL	219.81	core	
Stewart	ST-11-02				362.89	363.49	ST11-02.423	Paragonite	1.000	NULL	NULL	166.05	core	
Stewart	ST-11-02				363.49	363.97	ST11-02.424	Paragonite	1.000	NULL	NULL	200.45	gouge	
Stewart	ST-11-02				363.97	364.97	ST11-02.425	Paragonite	1.000	NULL	NULL	239.40	core	
Stewart	ST-11-02	93	363.97	367.66	364.97	365.82	ST11-02.426	Paragonite	0.751	Montmorillonite	0.249	257.04	gouge	
Stewart	ST-11-02				365.82	366.67	ST11-02.427	Paragonite	0.737	Montmorillonite	0.263	139.59	core	
Stewart	ST-11-02				366.67	367.52	ST11-02.428	Muscovite	0.719	Chlorite-Mg	0.281	128.42	core	
Stewart	ST-11-02				367.52	368.16	ST11-02.429	Kaolinite-PX	0.651	Chlorite-FeMg	0.349	88.915	core	
Stewart	ST-11-02	94	367.66	372.17	368.16	369.11	ST11-02.430	Paragoniticillite	0.725	Kaolinite-PX	0.275	104.53	core	
Stewart	ST-11-02				369.11	370.06	ST11-02.431	Paragoniticillite	0.621	Chlorite-Mg	0.379	138.25	core	
Stewart	ST-11-02				370.06	371.01	ST11-02.432	Montmorillonite	0.573	Paragonite	0.427	155.85	core	
Stewart	ST-11-02				371.01	372.17	ST11-02.433	Paragoniticillite	0.626	Chlorite-Mg	0.374	165.84	gouge	
Stewart	ST-11-02				372.17	373.17	ST11-02.434	Muscovite	1.000	NULL	NULL	114.62	gouge	
Stewart	ST-11-02	95	372.17	375.90	373.17	373.92	ST11-02.435	Paragonite	1.000	NULL	NULL	145.40	core	
Stewart	ST-11-02				373.92	374.67	ST11-02.436	Paragonite	0.839	Pyrophyllite	0.161	104.05	core	
Stewart	ST-11-02				374.67	375.42	ST11-02.437	Alunite-Na	1.000	NULL	NULL	256.69	core	
Stewart	ST-11-02				375.42	376.40	ST11-02.438	Paragonite	0.750	Pyrophyllite	0.250	109.97	core	
Stewart	ST-11-02	96	375.90	379.31	376.40	377.15	ST11-02.439	Alunite-Na	0.621	Pyrophyllite	0.379	305.99	gouge	
Stewart	ST-11-02				377.15	377.90	ST11-02.440	Muscovite	0.507	Pyrophyllite	0.493	112.90	core	
Stewart	ST-11-02				377.90	378.65	ST11-02.441	Paragonite	0.594	Pyrophyllite	0.406	163.86	core	
Stewart	ST-11-02				378.65	379.31	ST11-02.442	Paragonite	0.657	Alunite-Na	0.343	197.04	core	
Stewart	ST-11-02				379.31	380.31	ST11-02.443	Muscovite	0.557	Pyrophyllite	0.443	613.37	fracture	
Stewart	ST-11-02	97	379.31	383.56	380.31	381.26	ST11-02.444	Paragonite	0.633	Pyrophyllite	0.367	220.94	core	
Stewart	ST-11-02				381.26	382.21	ST11-02.445	Paragonite	0.806	Pyrophyllite	0.194	171.49	core	
Stewart	ST-11-02				382.21	383.16	ST11-02.446	Paragonite	0.562	Pyrophyllite	0.438	374.87	core	
Stewart	ST-11-02				383.16	384.06	ST11-02.447	Alunite-Na	0.533	Muscovite	0.467	160.73	core	
Stewart	ST-11-02	98	383.56	387.79	384.06	385.01	ST11-02.448	Paragonite	0.809	Alunite-Na	0.191	207.77	core	
Stewart	ST-11-02				385.01	385.86	ST11-02.449	Paragonite	0.739	Pyrophyllite	0.261	243.04	core	
Stewart	ST-11-02				385.86	386.71	ST11-02.450	Paragonite	0.586	Pyrophyllite	0.414	116.10	core	
Stewart	ST-11-02				386.71	387.79	ST11-02.451	Paragonite	0.652	Alunite-Na	0.348	248.81	core	
Stewart	ST-11-02				387.79	388.70	ST11-02.452	Paragonite	0.799	Alunite-Na	0.201	202.29	core	
Stewart	ST-11-02	99	387.79	391.01	388.70	389.45	ST11-02.453	Paragonite	0.702	Pyrophyllite	0.298	410.95	core	
Stewart	ST-11-02				389.45	390.10	ST11-02.454	Paragonite	0.697	Alunite-Na	0.303	334.63	core	
Stewart	ST-11-02				390.10	390.75	ST11-02.455	Paragonite	0.788	Pyrophyllite	0.212	203.76	core	
Stewart	ST-11-02				390.75	391.51	ST11-02.456	Paragonite	0.624	Pyrophyllite	0.376	253.43	core	
Stewart	ST-11-02	100	391.01	395.53	391.51	392.46	ST11-02.457	Paragonite	0.661	Pyrophyllite	0.339	363.89	core	
Stewart	ST-11-02				392.46	393.41	ST11-02.458	Paragonite	0.596	Pyrophyllite	0.404	380.95	core	
Stewart	ST-11-02				393.41	394.36	ST11-02.459	Alunite-Na	0.581	Pyrophyllite	0.419	391.35	gouge	
Stewart	ST-11-02				394.36	395.53	ST11-02.460	Pyrophyllite	1.000	NULL	NULL	111.94	core	
Stewart	ST-11-02				395.53	396.53	ST11-02.461	Pyrophyllite	0.696	Alunite-Na	0.304	125.80	core	
Stewart	ST-11-02	101	395.53	399.56	396.53	397.38	ST11-02.462	Paragonite	0.667	Pyrophyllite	0.333	148.63	core	
Stewart	ST-11-02				397.38	398.23	ST11-02.463	Pyrophyllite	0.547	Paragonite	0.453	104.24	core	
Stewart	ST-11-02				398.23	399.08	ST11-02.464	Paragonite	0.501	Pyrophyllite	0.499	262.59	core	
Stewart	ST-11-02				399.08	400.06	ST11-02.465	Paragonite	0.586	Pyrophyllite	0.414	330.64	core	
Stewart	ST-11-02	102	399.56	403.12	400.06	400.81	ST11-02.466	Paragonite	0.775	Pyrophyllite	0.225	79.108	core	
Stewart	ST-11-02				400.81	401.56	ST11-02.467	Paragonite	0.752	Pyrophyllite	0.248	90.787	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				401.56	402.31	ST11-02.468	Paragonite	0.749	Pyrophyllite	0.251	85.390	core	
Stewart	ST-11-02				402.31	403.12	ST11-02.469	Paragonite	0.776	Pyrophyllite	0.224	166.82	core	
Stewart	ST-11-02				403.12	404.12	ST11-02.470	Pyrophyllite	0.555	Paragonite	0.445	119.90	core	
Stewart	ST-11-02	103	403.12	407.35	404.12	404.97	ST11-02.471	Paragonite	0.673	Pyrophyllite	0.327	393.57	core	
Stewart	ST-11-02				404.97	405.82	ST11-02.472	Paragonite	0.785	Kaolinite-PX	0.215	247.49	core	
Stewart	ST-11-02				405.82	406.67	ST11-02.473	Paragonite	0.723	Pyrophyllite	0.277	225.58	core	
Stewart	ST-11-02				406.67	407.85	ST11-02.474	Paragonite	0.653	Pyrophyllite	0.347	209.06	core	
Stewart	ST-11-02	104	407.35	411.84	407.85	408.80	ST11-02.475	Paragonite	0.748	Alunite-Na	0.252	221.80	core	
Stewart	ST-11-02				408.80	409.75	ST11-02.476	Paragonite	0.790	Pyrophyllite	0.210	225.91	core	
Stewart	ST-11-02				409.75	410.70	ST11-02.477	Pyrophyllite	0.516	Paragonite	0.484	193.73	gouge	
Stewart	ST-11-02				410.70	411.84	ST11-02.478	Paragonite	0.677	Pyrophyllite	0.323	141.53	gouge	
Stewart	ST-11-02				411.84	412.84	ST11-02.479	Paragonite	0.608	Pyrophyllite	0.392	160.52	gouge	
Stewart	ST-11-02	105	411.84	416.10	412.84	413.79	ST11-02.480	Paragonite	0.682	Pyrophyllite	0.318	132.11	core	
Stewart	ST-11-02				413.79	414.74	ST11-02.481	Pyrophyllite	0.740	Dickite	0.260	65.169	core	
Stewart	ST-11-02				414.74	415.69	ST11-02.482	Pyrophyllite	0.617	Paragonite	0.383	67.042	core	
Stewart	ST-11-02				415.69	416.60	ST11-02.483	Paragonite	0.535	Pyrophyllite	0.465	85.774	core	
Stewart	ST-11-02	106	416.10	419.97	416.60	417.35	ST11-02.484	Paragonite	0.676	Pyrophyllite	0.324	153.63	core	
Stewart	ST-11-02				417.35	418.10	ST11-02.485	Pyrophyllite	0.749	Alunite-Na	0.251	87.803	core	
Stewart	ST-11-02				418.10	418.85	ST11-02.486	Paragonite	0.693	Kaolinite-PX	0.307	110.66	core	
Stewart	ST-11-02				418.85	419.97	ST11-02.487	Paragonite	0.849	Pyrophyllite	0.151	131.32	core	
Stewart	ST-11-02				419.97	420.97	ST11-02.488	Paragonite	0.847	Pyrophyllite	0.153	134.31	core	
Stewart	ST-11-02	107	419.97	424.15	420.97	421.72	ST11-02.489	Paragonite	0.826	Pyrophyllite	0.174	119.49	core	
Stewart	ST-11-02				421.72	422.47	ST11-02.490	Paragonite	0.727	Pyrophyllite	0.273	188.24	core	
Stewart	ST-11-02				422.47	423.22	ST11-02.491	Paragonite	0.816	Kaolinite-PX	0.184	90.459	core	
Stewart	ST-11-02				423.22	423.97	ST11-02.492	Paragonite	0.848	Alunite-Na	0.152	211.74	core	
Stewart	ST-11-02				423.97	424.65	ST11-02.493	Paragonite	0.778	Kaolinite-PX	0.222	120.05	core	
Stewart	ST-11-02	108	424.15	427.76	424.65	425.60	ST11-02.494	Paragonite	0.720	Pyrophyllite	0.280	99.057	core	
Stewart	ST-11-02				425.60	426.55	ST11-02.495	Paragonite	0.751	Pyrophyllite	0.249	191.19	core	
Stewart	ST-11-02				426.55	427.76	ST11-02.496	Paragonite	0.682	Pyrophyllite	0.318	147.38	core	
Stewart	ST-11-02				427.76	428.76	ST11-02.497	Paragonite	0.655	Pyrophyllite	0.345	151.28	core	
Stewart	ST-11-02	109	427.76	431.72	428.76	429.61	ST11-02.514	Paragonite	0.798	Pyrophyllite	0.202	329.61	core	
Stewart	ST-11-02				429.61	430.46	ST11-02.515	Paragonite	0.707	Gypsum	0.293	297.16	core	
Stewart	ST-11-02				430.46	431.31	ST11-02.516	Paragonite	0.772	Kaolinite-PX	0.228	166.34	core	
Stewart	ST-11-02				431.31	432.22	ST11-02.517	Paragonite	0.809	Pyrophyllite	0.191	152.73	core	
Stewart	ST-11-02	110	431.72	435.51	432.22	433.07	ST11-02.520	Paragonite	0.774	Pyrophyllite	0.226	118.84	core	
Stewart	ST-11-02				433.07	433.92	ST11-02.521	Paragonite	0.684	Pyrophyllite	0.316	99.081	core	
Stewart	ST-11-02				433.92	434.77	ST11-02.522	Paragonite	0.798	Pyrophyllite	0.202	221.39	core	
Stewart	ST-11-02				434.77	435.51	ST11-02.523	Pyrophyllite	0.615	Gypsum	0.385	286.67	core	
Stewart	ST-11-02				435.51	436.51	ST11-02.524	Paragonite	0.659	Gypsum	0.341	320.62	core	
Stewart	ST-11-02	111	435.51	439.80	436.51	437.46	ST11-02.525	Paragonite	0.665	Gypsum	0.335	215.28	core	
Stewart	ST-11-02				437.46	438.41	ST11-02.526	Paragonite	0.827	Pyrophyllite	0.173	131.63	core	
Stewart	ST-11-02				438.41	439.36	ST11-02.527	Muscovite	0.570	Pyrophyllite	0.430	88.446	core	
Stewart	ST-11-02				439.36	440.30	ST11-02.528	Paragonite	0.627	Pyrophyllite	0.373	379.22	core	
Stewart	ST-11-02	112	439.80	444.11	440.30	441.25	ST11-02.529	Pyrophyllite	0.573	Paragonite	0.427	156.81	core	
Stewart	ST-11-02				441.25	442.20	ST11-02.530	Pyrophyllite	0.586	Gypsum	0.414	95.062	core	
Stewart	ST-11-02				442.20	443.15	ST11-02.531	Paragonite	0.642	Pyrophyllite	0.358	89.406	core	
Stewart	ST-11-02				443.15	444.11	ST11-02.532	Paragonite	0.795	Kaolinite-PX	0.205	178.84	core	
Stewart	ST-11-02				444.11	445.11	ST11-02.533	Paragonite	1.000	NULL	NULL	159.35	core	
Stewart	ST-11-02	113	444.11	448.13	445.11	445.96	ST11-02.534	Paragonite	0.793	Pyrophyllite	0.207	92.745	core	
Stewart	ST-11-02				445.96	446.81	ST11-02.535	Paragonite	0.835	Pyrophyllite	0.165	208.23	core	
Stewart	ST-11-02				446.81	447.66	ST11-02.536	Pyrophyllite	0.521	Paragonite	0.479	107.53	core	
Stewart	ST-11-02				447.66	448.63	ST11-02.537	Pyrophyllite	0.521	Paragonite	0.479	75.633	core	
Stewart	ST-11-02	114	448.13	452.82	448.63	449.63	ST11-02.538	Paragonite	0.549	Pyrophyllite	0.451	59.604	core	
Stewart	ST-11-02				449.63	450.63	ST11-02.539	Paragonite	0.589	Pyrophyllite	0.411	91.302	core	
Stewart	ST-11-02				450.63	451.63	ST11-02.540	Pyrophyllite	0.592	Muscovite	0.408	96.192	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				451.63	452.82	ST11-02.541	Pyrophyllite	0.629	Dickite	0.371	156.04	core	
Stewart	ST-11-02				452.82	453.82	ST11-02.542	Paragonite	0.760	Pyrophyllite	0.240	171.80	core	
Stewart	ST-11-02	115	452.82	457.04	453.82	454.77	ST11-02.543	Paragonite	0.725	Pyrophyllite	0.275	147.77	core	
Stewart	ST-11-02				454.77	455.72	ST11-02.544	Paragonite	0.654	Pyrophyllite	0.346	133.88	core	
Stewart	ST-11-02				455.72	456.67	ST11-02.545	Paragonite	0.664	Pyrophyllite	0.336	114.32	core	
Stewart	ST-11-02				456.67	457.54	ST11-02.546	Paragonite	0.832	Pyrophyllite	0.168	113.62	core	
Stewart	ST-11-02	116	457.04	461.44	457.54	458.49	ST11-02.547	Paragonite	0.808	Kaolinite-PX	0.192	107.04	core	
Stewart	ST-11-02				458.49	459.44	ST11-02.548	Paragonite	0.516	Pyrophyllite	0.484	157.77	core	
Stewart	ST-11-02				459.44	460.39	ST11-02.549	Paragonite	0.751	Pyrophyllite	0.249	148.94	core	
Stewart	ST-11-02				460.39	461.44	ST11-02.550	Paragonite	0.742	Pyrophyllite	0.258	87.927	core	
Stewart	ST-11-02				461.44	462.44	ST11-02.551	Paragonite	0.652	Pyrophyllite	0.348	98.693	core	
Stewart	ST-11-02	117	461.44	465.85	462.44	463.39	ST11-02.552	Muscovite	0.724	Pyrophyllite	0.276	94.795	core	
Stewart	ST-11-02				463.39	464.34	ST11-02.553	Paragonite	0.729	Pyrophyllite	0.271	184.16	core	
Stewart	ST-11-02				464.34	465.29	ST11-02.554	Dickite	0.695	Gypsum	0.305	163.17	core	
Stewart	ST-11-02				465.29	466.35	ST11-02.555	Muscovite	0.691	Pyrophyllite	0.309	123.51	core	
Stewart	ST-11-02	118	465.85	470.11	466.35	467.30	ST11-02.556	Pyrophyllite	0.564	Muscovite	0.436	150.67	core	
Stewart	ST-11-02				467.30	468.25	ST11-02.557	Pyrophyllite	0.553	Muscovite	0.447	84.278	core	
Stewart	ST-11-02				468.25	469.20	ST11-02.558	Muscovite	0.648	Pyrophyllite	0.352	148.35	core	
Stewart	ST-11-02				469.20	470.11	ST11-02.559	Dickite	0.587	Pyrophyllite	0.413	96.314	core	
Stewart	ST-11-02				470.11	471.11	ST11-02.560	Pyrophyllite	0.562	Dickite	0.438	97.035	core	
Stewart	ST-11-02	119	470.11	474.41	471.11	472.06	ST11-02.561	Muscovite	0.629	Pyrophyllite	0.371	134.54	core	
Stewart	ST-11-02				472.06	473.01	ST11-02.562	Muscovite	0.704	Pyrophyllite	0.296	99.664	core	
Stewart	ST-11-02				473.01	473.96	ST11-02.563	Paragonite	0.810	Pyrophyllite	0.190	149.92	core	
Stewart	ST-11-02				473.96	474.91	ST11-02.564	Muscovite	0.563	Pyrophyllite	0.437	90.830	core	
Stewart	ST-11-02	120	474.41	478.47	474.91	475.76	ST11-02.565	Muscovite	0.592	Pyrophyllite	0.408	122.45	core	
Stewart	ST-11-02				475.76	476.61	ST11-02.566	Paragonite	0.601	Pyrophyllite	0.399	136.87	core	
Stewart	ST-11-02				476.61	477.46	ST11-02.567	Muscovite	0.635	Pyrophyllite	0.365	97.619	core	
Stewart	ST-11-02				477.46	478.47	ST11-02.568	Muscovite	0.674	Pyrophyllite	0.326	88.662	core	
Stewart	ST-11-02				478.47	479.47	ST11-02.569	Muscovite	0.652	Pyrophyllite	0.348	82.948	core	
Stewart	ST-11-02	121	478.47	482.87	479.47	480.42	ST11-02.570	Pyrophyllite	0.710	Gypsum	0.290	372.20	core	
Stewart	ST-11-02				480.42	481.37	ST11-02.571	Muscovite	0.743	Pyrophyllite	0.257	149.24	core	
Stewart	ST-11-02				481.37	482.32	ST11-02.572	Muscovite	0.830	Pyrophyllite	0.170	142.73	core	
Stewart	ST-11-02				482.32	483.37	ST11-02.573	Paragonite	1.000	NULL	NULL	115.46	core	
Stewart	ST-11-02	122	482.87	487.13	483.37	484.32	ST11-02.574	Paragonite	0.784	Kaolinite-PX	0.216	216.99	core	
Stewart	ST-11-02				484.32	485.27	ST11-02.575	Paragonite	0.733	Pyrophyllite	0.267	212.07	core	
Stewart	ST-11-02				485.27	486.22	ST11-02.576	Paragonite	0.644	Pyrophyllite	0.356	180.92	core	
Stewart	ST-11-02				486.22	487.13	ST11-02.577	Pyrophyllite	0.548	Muscovite	0.452	74.006	core	
Stewart	ST-11-02				487.13	488.13	ST11-02.578	Paragonite	0.655	Pyrophyllite	0.345	106.06	core	
Stewart	ST-11-02	123	487.13	491.48	488.13	489.08	ST11-02.579	Pyrophyllite	0.523	Paragonite	0.477	73.002	core	
Stewart	ST-11-02				489.08	490.03	ST11-02.580	Muscovite	0.683	Pyrophyllite	0.317	263.63	vein	
Stewart	ST-11-02				490.03	490.98	ST11-02.581	Paragonite	1.000	NULL	NULL	260.45	core	
Stewart	ST-11-02				490.98	491.98	ST11-02.582	Muscovite	0.720	Pyrophyllite	0.280	199.16	core	
Stewart	ST-11-02	124	491.48	495.83	491.98	492.93	ST11-02.583	Paragonite	1.000	NULL	NULL	205.86	core	
Stewart	ST-11-02				492.93	493.88	ST11-02.584	Muscovite	0.608	Pyrophyllite	0.392	130.02	core	
Stewart	ST-11-02				493.88	494.83	ST11-02.585	Paragonite	0.623	Pyrophyllite	0.377	106.71	core	
Stewart	ST-11-02				494.83	495.83	ST11-02.586	Muscovite	0.665	Pyrophyllite	0.335	135.72	core	
Stewart	ST-11-02				495.83	496.83	ST11-02.587	Muscovite	0.615	Pyrophyllite	0.385	153.07	core	
Stewart	ST-11-02	125	495.83	500.55	496.83	497.58	ST11-02.588	Muscovite	0.667	Pyrophyllite	0.333	146.66	core	
Stewart	ST-11-02				497.58	498.33	ST11-02.589	Muscovite	0.793	Pyrophyllite	0.207	192.75	core	
Stewart	ST-11-02				498.33	499.08	ST11-02.590	Paragonite	0.747	Pyrophyllite	0.253	194.19	core	
Stewart	ST-11-02				499.08	501.05	ST11-02.591	Muscovite	0.616	Pyrophyllite	0.384	104.94	core	
Stewart	ST-11-02	126	500.55	504.28	501.05	501.75	ST11-02.592	Muscovite	0.711	Pyrophyllite	0.289	123.58	core	
Stewart	ST-11-02				501.75	502.45	ST11-02.593	Paragonite	0.846	Pyrophyllite	0.154	131.40	core	
Stewart	ST-11-02				502.45	503.15	ST11-02.594	Pyrophyllite	0.604	Muscovite	0.396	77.019	core	
Stewart	ST-11-02				503.15	504.28	ST11-02.595	Pyrophyllite	0.515	Muscovite	0.485	61.076	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				504.28	505.28	ST11-02.596	Pyrophyllite	0.829	Paragonite	0.171	47.301	core	
Stewart	ST-11-02	127	504.28	508.16	505.28	506.08	ST11-02.597	Muscovite	0.535	Pyrophyllite	0.465	69.798	core	
Stewart	ST-11-02				506.08	506.88	ST11-02.598	Muscovite	0.524	Pyrophyllite	0.476	98.718	core	
Stewart	ST-11-02				506.88	507.68	ST11-02.599	Pyrophyllite	0.607	Muscovite	0.393	60.367	core	
Stewart	ST-11-02				507.68	508.66	ST11-02.600	Muscovite	0.636	Pyrophyllite	0.364	162.74	core	
Stewart	ST-11-02	128	508.16	512.66	508.66	509.61	ST11-02.601	Muscovite	0.528	Pyrophyllite	0.472	129.49	core	
Stewart	ST-11-02				509.61	510.56	ST11-02.602	Muscovite	0.680	Pyrophyllite	0.320	210.66	core	
Stewart	ST-11-02				510.56	511.51	ST11-02.603	Kaolinite-PX	0.528	Pyrophyllite	0.472	125.69	core	
Stewart	ST-11-02				511.51	512.66	ST11-02.604	Pyrophyllite	0.534	Muscovite	0.466	76.923	core	
Stewart	ST-11-02				512.66	513.66	ST11-02.605	Pyrophyllite	0.677	Dickite	0.323	113.23	core	
Stewart	ST-11-02	129	512.66	514.60	513.66	514.60	ST11-02.606	Muscovite	0.563	Pyrophyllite	0.437	96.944	core	
Stewart	ST-11-02				514.60	515.10	ST11-02.607	Muscovite	0.526	Pyrophyllite	0.474	132.84	core	
Stewart	ST-11-02	130	514.60	519.10	515.10	516.10	ST11-02.608	Pyrophyllite	0.777	Muscovite	0.223	120.57	core	
Stewart	ST-11-02				516.10	517.10	ST11-02.609	Dickite	0.610	Paragonite	0.390	229.18	core	
Stewart	ST-11-02				517.10	518.10	ST11-02.610	Pyrophyllite	0.640	Muscovite	0.360	44.418	core	
Stewart	ST-11-02				518.10	519.10	ST11-02.611	Pyrophyllite	0.526	Muscovite	0.474	65.269	core	
Stewart	ST-11-02				519.10	520.10	ST11-02.612	Pyrophyllite	0.582	Muscovite	0.418	83.869	core	
Stewart	ST-11-02	131	519.10	523.10	520.10	520.90	ST11-02.613	Muscovite	0.640	Pyrophyllite	0.360	143.80	core	
Stewart	ST-11-02				520.90	521.70	ST11-02.614	Dickite	0.761	Gypsum	0.239	290.67	fracture	
Stewart	ST-11-02				521.70	522.50	ST11-02.615	Muscovite	0.629	Pyrophyllite	0.371	187.20	core	
Stewart	ST-11-02				522.50	523.60	ST11-02.616	Muscovite	0.562	Pyrophyllite	0.438	97.366	core	
Stewart	ST-11-02	132	523.10	527.06	523.60	524.40	ST11-02.617	Muscovite	0.678	Pyrophyllite	0.322	174.35	core	
Stewart	ST-11-02				524.40	525.20	ST11-02.618	Muscovite	0.544	Pyrophyllite	0.456	113.82	core	
Stewart	ST-11-02				525.20	526.00	ST11-02.619	Paragonite	0.760	Montmorillonite	0.240	147.47	core	
Stewart	ST-11-02				526.00	527.06	ST11-02.620	Paragonite	1.000	NULL	NULL	165.88	core	
Stewart	ST-11-02				527.06	528.06	ST11-02.621	Paragonite	1.000	NULL	NULL	63.971	core	
Stewart	ST-11-02	133	527.06	531.42	528.06	529.01	ST11-02.622	Paragonite	1.000	NULL	NULL	96.613	core	
Stewart	ST-11-02				529.01	529.96	ST11-02.623	Paragonite	0.781	Montmorillonite	0.219	96.488	core	
Stewart	ST-11-02				529.96	530.91	ST11-02.624	Paragonite	0.568	Chlorite-Fe	0.432	193.21	core	
Stewart	ST-11-02				530.91	531.92	ST11-02.625	Chlorite-FeMg	0.507	Paragonite	0.493	124.45	core	
Stewart	ST-11-02	134	531.42	535.53	531.92	532.77	ST11-02.626	Muscovite	0.558	Chlorite-FeMg	0.442	153.00	core	
Stewart	ST-11-02				532.77	533.62	ST11-02.627	Paragonite	0.515	Chlorite-FeMg	0.485	190.78	core	
Stewart	ST-11-02				533.62	534.47	ST11-02.628	Paragonite	0.761	Montmorillonite	0.239	117.35	core	
Stewart	ST-11-02				534.47	535.53	ST11-02.629	Paragonite	1.000	NULL	NULL	92.257	core	
Stewart	ST-11-02				535.53	536.53	ST11-02.630	Paragonite	0.767	Montmorillonite	0.233	137.69	core	
Stewart	ST-11-02	135	535.53	539.74	536.53	537.38	ST11-02.631	Paragonite	0.834	Pyrophyllite	0.166	144.17	core	
Stewart	ST-11-02				537.38	538.23	ST11-02.632	Paragonite	0.715	Pyrophyllite	0.285	130.03	core	
Stewart	ST-11-02				538.23	539.08	ST11-02.633	Paragonite	0.810	Pyrophyllite	0.190	178.08	core	
Stewart	ST-11-02				539.08	540.24	ST11-02.634	Paragonite	0.694	Pyrophyllite	0.306	94.957	core	
Stewart	ST-11-02	136	539.74	544.24	540.24	541.19	ST11-02.635	Paragonite	0.754	Pyrophyllite	0.246	119.76	core	
Stewart	ST-11-02				541.19	542.14	ST11-02.636	Paragonite	0.754	Pyrophyllite	0.246	89.790	core	
Stewart	ST-11-02				542.14	543.09	ST11-02.637	Muscovite	0.821	Pyrophyllite	0.179	87.760	core	
Stewart	ST-11-02				543.09	544.24	ST11-02.638	Paragonite	1.000	NULL	NULL	130.19	core	
Stewart	ST-11-02				544.24	545.24	ST11-02.639	Paragonite	0.752	Montmorillonite	0.248	38.314	core	
Stewart	ST-11-02	137	544.24	548.42	545.24	546.14	ST11-02.640	Paragonite	1.000	NULL	NULL	135.28	core	
Stewart	ST-11-02				546.14	547.04	ST11-02.641	Paragonite	1.000	NULL	NULL	88.757	core	
Stewart	ST-11-02				547.04	547.94	ST11-02.642	Paragonite	0.772	Montmorillonite	0.228	78.915	core	
Stewart	ST-11-02				547.94	548.92	ST11-02.643	Paragonite	0.719	Montmorillonite	0.281	60.461	core	
Stewart	ST-11-02	138	548.42	552.62	548.92	549.82	ST11-02.644	Paragonite	0.765	Montmorillonite	0.235	100.19	core	
Stewart	ST-11-02				549.82	550.72	ST11-02.645	Paragonite	0.766	Montmorillonite	0.234	120.05	core	
Stewart	ST-11-02				550.72	551.62	ST11-02.646	Paragonite	1.000	NULL	NULL	99.120	core	
Stewart	ST-11-02				551.62	552.62	ST11-02.647	Paragonite	0.745	Montmorillonite	0.255	96.912	core	
Stewart	ST-11-02				552.62	553.62	ST11-02.648	Paragonite	0.758	Montmorillonite	0.242	65.630	core	
Stewart	ST-11-02	139	552.62	556.68	553.62	554.52	ST11-02.649	Paragonite	1.000	NULL	NULL	85.076	core	
Stewart	ST-11-02				554.52	555.42	ST11-02.650	Paragonite	1.000	NULL	NULL	110.62	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-02				555.42	556.32	ST11-02.651	Paragonite	0.638	Chlorite-FeMg	0.362	142.82	core	
Stewart	ST-11-02				556.32	557.18	ST11-02.652	Paragonite	0.523	Chlorite-Mg	0.477	185.90	core	
Stewart	ST-11-02	140	556.68	560.40	557.18	557.98	ST11-02.653	Paragonite	0.510	Chlorite-Mg	0.490	291.91	core	
Stewart	ST-11-02				557.98	558.78	ST11-02.654	Paragonite	0.707	Chlorite-FeMg	0.293	140.82	core	
Stewart	ST-11-02				558.78	559.58	ST11-02.655	Paragonite	0.804	Montmorillonite	0.196	78.255	core	
Stewart	ST-11-02				559.58	560.40	ST11-02.656	Paragonite	0.798	Pyrophyllite	0.202	71.579	core	
Stewart	ST-11-02				560.40	561.40	ST11-02.657	Paragonite	0.682	Pyrophyllite	0.318	86.859	core	
Stewart	ST-11-02	141	560.40	564.45	561.40	562.20	ST11-02.658	Paragonite	0.770	Pyrophyllite	0.230	110.57	core	
Stewart	ST-11-02				562.20	563.00	ST11-02.659	Pyrophyllite	0.680	Paragonite	0.320	42.922	core	
Stewart	ST-11-02				563.00	563.80	ST11-02.660	Pyrophyllite	1.000	NULL	NULL	86.247	core	
Stewart	ST-11-02				563.80	564.95	ST11-02.661	Pyrophyllite	0.735	Paragonite	0.265	33.868	core	
Stewart	ST-11-02	142	564.45	568.61	564.95	565.85	ST11-02.662	Paragonite	0.734	Pyrophyllite	0.266	85.097	core	
Stewart	ST-11-02				565.85	566.75	ST11-02.663	Pyrophyllite	0.557	Paragonite	0.443	74.140	core	
Stewart	ST-11-02				566.75	567.65	ST11-02.664	Paragonite	0.570	Pyrophyllite	0.430	90.863	core	
Stewart	ST-11-02				567.65	568.61	ST11-02.665	Muscovite	0.704	Pyrophyllite	0.296	79.260	core	
Stewart	ST-11-02				568.61	569.61	ST11-02.666	Muscovite	0.651	Pyrophyllite	0.349	82.137	core	
Stewart	ST-11-02	143	568.61	572.90	569.61	570.51	ST11-02.667	Paragonite	0.578	Pyrophyllite	0.422	80.721	core	
Stewart	ST-11-02				570.51	571.41	ST11-02.668	Paragonite	0.659	Pyrophyllite	0.341	183.42	core	
Stewart	ST-11-02				571.41	572.31	ST11-02.669	Paragonite	0.836	Pyrophyllite	0.164	111.08	core	
Stewart	ST-11-02				572.31	573.40	ST11-02.670	Paragonite	0.778	Kaolinite-PX	0.222	116.04	core	
Stewart	ST-11-02	144	572.90	576.97	573.40	574.30	ST11-02.671	Paragonite	0.799	Pyrophyllite	0.201	57.955	core	
Stewart	ST-11-02				574.30	575.20	ST11-02.672	Paragonite	0.788	Pyrophyllite	0.212	99.756	core	
Stewart	ST-11-02				575.20	576.10	ST11-02.673	Paragonite	0.736	Pyrophyllite	0.264	93.561	core	
Stewart	ST-11-02				576.10	576.97	ST11-02.674	Paragonite	0.522	Pyrophyllite	0.478	225.47	core	
Stewart	ST-11-02				576.97	577.97	ST11-02.675	Paragonite	1.000	NULL	NULL	236.29	core	
Stewart	ST-11-02	145	576.97	581.21	577.97	578.87	ST11-02.676	Paragonite	0.791	Pyrophyllite	0.209	446.11	core	
Stewart	ST-11-02				578.87	579.77	ST11-02.677	Paragonite	0.846	Pyrophyllite	0.154	79.542	core	
Stewart	ST-11-02				579.77	580.67	ST11-02.678	Paragonite	0.727	Pyrophyllite	0.273	84.701	core	
Stewart	ST-11-02				580.67	581.71	ST11-02.679	Muscovite	0.758	Pyrophyllite	0.242	80.818	core	
Stewart	ST-11-02	146	581.21	584.61	581.71	582.61	ST11-02.680	Paragonite	0.779	Pyrophyllite	0.221	133.56	core	
Stewart	ST-11-02				582.61	583.51	ST11-02.681	Paragonite	0.660	Pyrophyllite	0.340	124.75	core	
Stewart	ST-11-02				583.51	584.11	ST11-02.682	Paragonite	1.000	NULL	NULL	94.196	core	
Stewart	ST-11-02				584.11	584.61	ST11-02.683	Paragonite	1.000	NULL	NULL	92.967	core	
Stewart	ST-11-03	1	0	4.77	3	6	ST11-03.001	Epidote	0.609	Hornblende	0.391	107.64	core	
Stewart	ST-11-03	2	4.77	8.79	6	9	ST11-03.002	Epidote	0.603	Phengite	0.397	63.711	core	
Stewart	ST-11-03	3	8.79	12.95	9	12	ST11-03.003	Chlorite-Mg	0.640	Epidote	0.360	46.951	core	
Stewart	ST-11-03	3			12	15	ST11-03.004	Calcite	1.000	NULL	NULL	22.637	vein	
Stewart	ST-11-03	4	12.95	16.85	15	18	ST11-03.005	Phengite	0.563	Epidote	0.437	98.186	core	
Stewart	ST-11-03	5	16.85	21.12	18	21	ST11-03.006	Phengite	0.678	Epidote	0.322	115.84	core	
Stewart	ST-11-03				21	24	ST11-03.007	Epidote	1.000	NULL	NULL	231.49	core	
Stewart	ST-11-03	6	21.12	25.2	24	27	ST11-03.008	Chlorite-FeMg	0.659	Epidote	0.341	125.27	core	
Stewart	ST-11-03	7	25.2	29.21	27	30	ST11-03.009	Chlorite-FeMg	0.674	Phengite	0.326	125.56	core	
Stewart	ST-11-03	8	29.21	33.4	30	33	ST11-03.010	Epidote	1.000	NULL	NULL	84.938	core	good pale green Epi
Stewart	ST-11-03				33	36	ST11-03.011	Epidote	0.514	Phengite	0.486	83.773	core	
Stewart	ST-11-03	9	33.4	37.5	36	39	ST11-03.012	NULL	NULL	NULL	NULL	NULL	core	Pink vein
Stewart	ST-11-03	10	37.5	41.45	39	42	ST11-03.013	Epidote	0.811	Hornblende	0.189	25.884	core	
Stewart	ST-11-03	11	41.45	45.56	42	45	ST11-03.014	Muscovite	0.543	Epidote	0.457	119.37	core	
Stewart	ST-11-03				45	48	ST11-03.015	Chlorite-FeMg	0.734	Epidote	0.266	86.844	core	
Stewart	ST-11-03	12	45.56	49.76	48	51	ST11-03.016	Chlorite-FeMg	0.736	Epidote	0.264	114.88	core	
Stewart	ST-11-03	13	49.76	53.76	51	54	ST11-03.017	Chlorite-FeMg	0.634	Epidote	0.366	228.80	core	
Stewart	ST-11-03	14	53.76	58.03	54	57	ST11-03.018	Chlorite-FeMg	0.750	Epidote	0.250	169.17	core	
Stewart	ST-11-03				57	60	ST11-03.019	Muscovite	0.520	Epidote	0.480	105.09	core	
Stewart	ST-11-03	15	58.03	61.98	60	63	ST11-03.020	Epidote	1.000	NULL	NULL	85.466	core	
Stewart	ST-11-03	16	61.98	65.96	63	66	ST11-03.021	Epidote	0.719	Calcite	0.281	131.32	core	Pale green vein
Stewart	ST-11-03	17	65.96	70.24	66	69	ST11-03.022	Epidote	0.568	Muscovite	0.432	95.924	core	Pink vein

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-03				69	72	ST11-03.023	Epidote	0.552	Chlorite-FeMg	0.448	88.038	core	
Stewart	ST-11-03	18	70.24	74.1	72	75	ST11-03.024	Montmorillonite	0.707	Epidote	0.293	304.63	core	Pink vein rimmed by pale green
Stewart	ST-11-03	19	74.1	77.7	75	78	ST11-03.025	NULL	NULL	NULL	NULL	NULL	core	Pink vein
Stewart	ST-11-03	20	77.7	81.4	78	81	ST11-03.026	Montmorillonite	0.565	Epidote	0.435	152.34	core	
Stewart	ST-11-03				81	84	ST11-03.028	Epidote	0.513	Chlorite-FeMg	0.487	70.037	core	
Stewart	ST-11-03	21	81.4	85.32	84	87	ST11-03.029	Epidote	0.711	Muscovite	0.289	72.887	core	
Stewart	ST-11-03	22	85.32	89.23	87	90	ST11-03.030	Chlorite-FeMg	0.721	Epidote	0.279	104.35	core	
Stewart	ST-11-03	23	89.23	93.47	90	93	ST11-03.031	Chlorite-FeMg	0.805	Epidote	0.195	89.422	core	
Stewart	ST-11-03				93	96	ST11-03.032	Chlorite-FeMg	0.669	Epidote	0.331	120.97	core	
Stewart	ST-11-03	24	93.47	97.57	96	99	ST11-03.033	Phengite	0.784	Ankerite	0.216	112.42	core	
Stewart	ST-11-03	25	97.57	101.94	99	102	ST11-03.034	Epidote	0.590	Chlorite-Mg	0.410	40.343	core	
Stewart	ST-11-03	26	101.94	105.6	102	105	ST11-03.035	Chlorite-FeMg	0.628	Phengite	0.372	305.16	core	
Stewart	ST-11-03				105	108	ST11-03.036	Chlorite-FeMg	0.561	Epidote	0.439	42.688	core	
Stewart	ST-11-03	27	105.6	109.91	108	111	ST11-03.037	Aspectral	1.000	NULL	NULL	109.50	core	includes pink vein
Stewart	ST-11-03	28	109.91	114.3	111	114	ST11-03.038	Chlorite-FeMg	0.806	Calcite	0.194	92.752	core	includes white vein
Stewart	ST-11-03				114	117	ST11-03.039	Chlorite-Mg	0.812	Epidote	0.188	46.548	core	
Stewart	ST-11-03	29	114.3	118.46	117	120	ST11-03.040	Chlorite-FeMg	0.694	Hornblende	0.306	97.066	core	
Stewart	ST-11-03	30	118.46	122.55	120	123	ST11-03.041	Chlorite-Mg	0.800	Epidote	0.200	21.848	core	
Stewart	ST-11-03	31	122.55	126.96	123	126	ST11-03.042	Chlorite-Mg	0.738	Epidote	0.262	38.767	core	
Stewart	ST-11-03				126	129	ST11-03.043	Epidote	1.000	NULL	NULL	69.127	core	Qtz-Epi vein
Stewart	ST-11-03	32	126.96	130.85	129	132	ST11-03.044	Epidote	0.653	Hornblende	0.347	56.126	core	
Stewart	ST-11-03	33	130.85	135	132	135	ST11-03.045	Epidote	0.533	Actinolite	0.467	109.38	core	
Stewart	ST-11-03				135	138	ST11-03.046	Epidote	0.537	Actinolite	0.463	144.87	core	Qtz-Epi vein
Stewart	ST-11-03	34	135	139.4	138	141	ST11-03.048	Chlorite-Mg	0.752	Epidote	0.248	121.76	core	
Stewart	ST-11-03	35	139.4	143.65	141	144	ST11-03.049	Epidote	0.531	Actinolite	0.469	134.89	core	
Stewart	ST-11-03	36	143.65	148	144	147	ST11-03.050	Chlorite-Mg	0.782	Epidote	0.218	99.520	core	
Stewart	ST-11-03				147	150	ST11-03.051	Chlorite-Mg	0.797	Epidote	0.203	97.444	core	
Stewart	ST-11-03	37	148	152.29	150	153	ST11-03.052	Prehnite	0.504	Muscovite	0.496	135.16	core	includes pink mineral
Stewart	ST-11-03	38	152.29	156.55	153	156	ST11-03.053	Epidote	1.000	NULL	NULL	117.05	core	
Stewart	ST-11-03				156	159	ST11-03.054	Chlorite-Mg	1.000	NULL	NULL	91.491	core	
Stewart	ST-11-03	39	156.55	160.77	159	162	ST11-03.055	Chlorite-FeMg	0.771	Epidote	0.229	95.071	core	
Stewart	ST-11-03	40	160.77	164.97	162	165	ST11-03.056	Epidote	0.602	Phengite	0.398	221.84	core	
Stewart	ST-11-03	41	164.97	169.12	165	168	ST11-03.057	Phengite	0.614	Epidote	0.386	12.416	core	
Stewart	ST-11-03				168	171	ST11-03.058	Epidote	0.654	Phengite	0.346	127.53	core	includes pink vein
Stewart	ST-11-03	42	169.12	173.1	171	174	ST11-03.059	Chlorite-FeMg	0.810	Epidote	0.190	104.79	core	
Stewart	ST-11-03	43	173.1	177.4	174	177	ST11-03.060	Calcite	0.515	Epidote	0.485	82.177	core	vuggy zone
Stewart	ST-11-03				177	180	ST11-03.061	Chlorite-FeMg	0.805	Epidote	0.195	91.255	core	
Stewart	ST-11-03	44	177.4	181.55	180	183	ST11-03.062	Epidote	0.788	Calcite	0.212	86.063	core	
Stewart	ST-11-03	45	181.55	185.8	183	186	ST11-03.063	Chlorite-Mg	0.803	Epidote	0.197	100.53	core	
Stewart	ST-11-03	46	185.8	190.07	186	189	ST11-03.065	Chlorite-FeMg	0.650	Phengite	0.350	38.350	core	
Stewart	ST-11-03				189	192	ST11-03.066	Chlorite-FeMg	0.719	Epidote	0.281	84.353	core	
Stewart	ST-11-03	47	190.07	194.87	192	195	ST11-03.067	Epidote	1.000	NULL	NULL	170.97	core	
Stewart	ST-11-03	48	194.87	198.52	195	198	ST11-03.068	Epidote	1.000	NULL	NULL	160.26	core	
Stewart	ST-11-03				198	201	ST11-03.069	Chlorite-FeMg	0.680	Epidote	0.320	151.15	core	
Stewart	ST-11-03	49	198.52	202.75	201	204	ST11-03.071	Epidote	1.000	NULL	NULL	28.324	core	
Stewart	ST-11-03	50	202.75	206.86	204	207	ST11-03.072	Epidote	1.000	NULL	NULL	140.79	core	Epi vein
Stewart	ST-11-03				207	210	ST11-03.073	Chlorite-Mg	1.000	NULL	NULL	26.188	core	
Stewart	ST-11-03	51	206.86	210.82	210	213	ST11-03.074	Chlorite-Mg	0.694	Phengite	0.306	24.138	core	
Stewart	ST-11-03	52	210.82	214.97	213	216	ST11-03.075	Epidote	0.509	Phengite	0.491	32.459	core	
Stewart	ST-11-03	53	214.97	219.78	216	219	ST11-03.076	Epidote	1.000	NULL	NULL	89.300	core	Rough surface
Stewart	ST-11-03				219	222	ST11-03.077	Epidote	1.000	NULL	NULL	149.82	core	Pinkish, Epi alt
Stewart	ST-11-03	54	219.78	223.85	222	225	ST11-03.078	Chlorite-Mg	0.593	Epidote	0.407	49.952	core	
Stewart	ST-11-03	55	223.85	228.22	225	228	ST11-03.079	Epidote	0.577	Phengite	0.423	233.35	core	
Stewart	ST-11-03	56	228.22	232.31	228	231	ST11-03.080	Epidote	1.000	NULL	NULL	147.19	core	
Stewart	ST-11-03				231	234	ST11-03.081	Epidote	0.735	Calcite	0.265	100.99	core	Epi vein

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-03	57	232.31	236.55	234	237	ST11-03.082	Epidote	1.000	NULL	NULL	204.92	core	
Stewart	ST-11-03	58	236.55	240.84	237	240	ST11-03.083	Epidote	1.000	NULL	NULL	185.78	core	
Stewart	ST-11-03				240	243	ST11-03.084	Dolomite	1.000	NULL	NULL	225.18	core	
Stewart	ST-11-03	59	240.84	245.15	243	246	ST11-03.085	Epidote	1.000	NULL	NULL	26.022	core	
Stewart	ST-11-03	60	245.15	249.32	246	249	ST11-03.086	Aspectral	1.000	NULL	NULL	37.893	core	
Stewart	ST-11-03				249	252	ST11-03.087	Chlorite-Mg	1.000	NULL	NULL	24.805	core	
Stewart	ST-11-03	61	249.32	253.65	252	255	ST11-03.088	Chlorite-Mg	0.596	Phengite	0.404	17.700	core	
Stewart	ST-11-03	62	253.65	257.91	255	258	ST11-03.089	Siderite	0.683	Montmorillonite	0.317	15.824	core	
Stewart	ST-11-03	63	257.91	261.92	258	261	ST11-03.090	Chlorite-Mg	0.691	Phengite	0.309	14.533	core	
Stewart	ST-11-03				261	264	ST11-03.091	Epidote	1.000	NULL	NULL	426.91	core	
Stewart	ST-11-03	64	261.92	266.42	264	267	ST11-03.092	Epidote	1.000	NULL	NULL	93.056	core	
Stewart	ST-11-03	65	266.42	270.72	267	270	ST11-03.093	Phengite	0.638	Epidote	0.362	262.68	core	
Stewart	ST-11-03				270	273	ST11-03.094	Epidote	1.000	NULL	NULL	146.82	core	Rough surface
Stewart	ST-11-03	66	270.72	274.91	273	276	ST11-03.095	Chlorite-Mg	1.000	NULL	NULL	41.129	core	
Stewart	ST-11-03	67	274.91	279.09	276	279	ST11-03.096	Aspectral	1.000	NULL	NULL	176.31	core	
Stewart	ST-11-03				279	282	ST11-03.097	Hornblende	0.631	Epidote	0.369	184.06	core	
Stewart	ST-11-03	68	279.09	283.24	282	285	ST11-03.098	Chlorite-Mg	1.000	NULL	NULL	177.57	core	
Stewart	ST-11-03	69	283.24	287.41	285	288	ST11-03.099	Epidote	1.000	NULL	NULL	157.37	core	
Stewart	ST-11-03	70	287.41	291.14	288	291	ST11-03.100	Chlorite-Mg	0.646	Epidote	0.354	37.271	core	
Stewart	ST-11-03				291	294	ST11-03.101	Epidote	0.617	Hornblende	0.383	138.54	core	
Stewart	ST-11-03	71	291.14	295.32	294	297	ST11-03.102	Epidote	1.000	NULL	NULL	31.407	core	Epi-rich vein
Stewart	ST-11-03	72	295.32	299.47	297	300	ST11-03.103	Epidote	0.526	Hornblende	0.474	133.81	core	Margin of Epi vein
Stewart	ST-11-03	73	299.47	303.98	300	303	ST11-03.104	Chlorite-Mg	0.678	Epidote	0.322	32.117	core	
Stewart	ST-11-03				303	306	ST11-03.105	Chlorite-Mg	0.620	Epidote	0.380	195.77	core	
Stewart	ST-11-03	74	303.98	307.96	306	309	ST11-03.106	Epidote	1.000	NULL	NULL	33.377	core	
Stewart	ST-11-03	75	307.96	312.12	309	312	ST11-03.107	Chlorite-Mg	0.624	Epidote	0.376	152.34	core	
Stewart	ST-11-03				312	315	ST11-03.108	Epidote	1.000	NULL	NULL	83.579	core	
Stewart	ST-11-03	76	312.12	316.08	315	318	ST11-03.109	Chlorite-Mg	0.709	Epidote	0.291	153.33	core	
Stewart	ST-11-03	77	316.08	320.02	318	321	ST11-03.110	Phengite	0.529	Epidote	0.471	36.179	core	Volc bx
Stewart	ST-11-03	78	320.02	324.18	321	324	ST11-03.111	Epidote	1.000	NULL	NULL	39.346	core	Volc bx
Stewart	ST-11-03				324	327	ST11-03.112	Chlorite-Mg	0.648	Epidote	0.352	118.01	core	Volc bx
Stewart	ST-11-03	79	324.18	328.45	327	330	ST11-03.113	Chlorite-Mg	0.649	Epidote	0.351	52.191	core	Wht vein
Stewart	ST-11-03	80	328.45	332.5	330	333	ST11-03.114	Hornblende	0.581	Epidote	0.419	153.87	core	
Stewart	ST-11-03	81	332.5	336.64	333	336	ST11-03.115	Actinolite	0.513	Epidote	0.487	124.93	core	
Stewart	ST-11-03				336	339	ST11-03.116	Hornblende	0.530	Epidote	0.470	85.530	core	
Stewart	ST-11-03	82	336.64	340.8	339	342	ST11-03.117	Aspectral	1.000	NULL	NULL	153.93	core	
Stewart	ST-11-03	83	340.8	345.2	342	345	ST11-03.118	Siderite	1.000	NULL	NULL	26.623	core	
Stewart	ST-11-03				345	348	ST11-03.119	Chlorite-Mg	1.000	NULL	NULL	17.244	core	
Stewart	ST-11-03	84	345.2	349.45	348	351	ST11-03.120	Nontronite	0.584	Calcite	0.416	59.364	core	Pink vein
Stewart	ST-11-03	85	349.45	353.7	351	354	ST11-03.121	Chlorite-Mg	0.646	Epidote	0.354	37.513	core	
Stewart	ST-11-03	86	353.7	357.89	354	357	ST11-03.122	Chlorite-Mg	1.000	NULL	NULL	15.863	core	
Stewart	ST-11-03				357	360	ST11-03.123	NULL	NULL	NULL	NULL	NULL	core	
Stewart	ST-11-03	87	357.89	362.36	360	363	ST11-03.124	Chlorite-Mg	1.000	NULL	NULL	18.775	core	
Stewart	ST-11-03	88	362.36	366.65	363	366	ST11-03.125	Chlorite-Mg	0.741	Epidote	0.259	30.816	core	
Stewart	ST-11-03				366	369	ST11-03.126	Chlorite-Mg	0.741	Epidote	0.259	30.816	core	
Stewart	ST-11-03	89	366.65	370.67	369	370	ST11-03.127	Chlorite-Mg	1.000	NULL	NULL	20.122	core	
Stewart	ST-11-03				370	371	ST11-03.128	Chlorite-Mg	1.000	NULL	NULL	23.836	core	
Stewart	ST-11-03	90	370.67	374.59	371	372	ST11-03.129	Epidote	0.548	Prehnite	0.452	87.783	core	Wht vein
Stewart	ST-11-03				372	373	ST11-03.130	Chlorite-FeMg	0.729	Hornblende	0.271	101.21	core	Vuggy wht vein with Epi
Stewart	ST-11-03				373	374	ST11-03.131	Chlorite-FeMg	1.000	NULL	NULL	24.982	core	
Stewart	ST-11-03				374	375	ST11-03.132	Chlorite-Mg	0.778	Epidote	0.222	17.509	core	
Stewart	ST-11-03	91	374.59	378.82	375	376	ST11-03.133	Chlorite-Mg	0.753	Epidote	0.247	62.579	core	Wht vein
Stewart	ST-11-03				376	377	ST11-03.134	Chlorite-Mg	0.839	Epidote	0.161	36.634	core	Transition
Stewart	ST-11-03				377	378	ST11-03.135	Phengite	1.000	NULL	NULL	470.08	core	
Stewart	ST-11-03				378	379	ST11-03.136	Phengite	0.780	Ankerite	0.220	224.55	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-03	92	378.82	381	379	380	ST11-03.137	Phengite	1.000	NULL	NULL	271.97	core	
Stewart	ST-11-03				380	381	ST11-03.138	Phengite	1.000	NULL	NULL	91.500	core	
Stewart	ST-11-03				381	382	ST11-03.139	Phengite	0.815	Ankerite	0.185	145.29	core	
Stewart	ST-11-03	93	381	384.8	382	383	ST11-03.140	Phengite	0.817	Ankerite	0.183	147.02	core	
Stewart	ST-11-03				383	384	ST11-03.141	Chlorite-FeMg	0.643	Epidote	0.357	57.703	core	
Stewart	ST-11-03				384	385	ST11-03.142	Phengiticillite	0.588	Montmorillonite	0.412	33.134	core	Vein in bleached rx
Stewart	ST-11-03	94	384.8	388.65	385	386	ST11-03.143	Phengite	0.841	Zoisite	0.159	215.99	core	
Stewart	ST-11-03				386	387	ST11-03.144	Phengite	0.666	Ankerite	0.334	46.188	core	Wht vein cutting bleached rx
Stewart	ST-11-03				387	388	ST11-03.145	Chlorite-FeMg	0.773	Epidote	0.227	56.294	core	
Stewart	ST-11-03				388	389	ST11-03.146	Chlorite-FeMg	0.613	Epidote	0.387	50.070	core	
Stewart	ST-11-03	95	388.65	392.28	389	390	ST11-03.147	Phengite	0.607	Ankerite	0.393	107.51	core	
Stewart	ST-11-03				390	391	ST11-03.148	Chlorite-Mg	0.638	Epidote	0.362	113.21	core	
Stewart	ST-11-03				391	392	ST11-03.149	Phengite	0.507	Chlorite-Mg	0.493	164.65	core	Transition
Stewart	ST-11-03				392	393	ST11-03.150	Chlorite-FeMg	0.794	Epidote	0.206	89.475	core	
Stewart	ST-11-03	96	392.28	396.05	393	394	ST11-03.151	Chlorite-Mg	0.724	Epidote	0.276	17.425	core	
Stewart	ST-11-03				394	395	ST11-03.152	Chlorite-FeMg	0.615	Epidote	0.385	101.56	core	Wht veins
Stewart	ST-11-03				395	396	ST11-03.153	Hornblende	0.530	Epidote	0.470	135.44	core	
Stewart	ST-11-03				396	397	ST11-03.154	Muscovite	0.670	Epidote	0.330	84.139	core	Wht vein with pink min
Stewart	ST-11-03	97	396.05	399.73	397	398	ST11-03.155	Epidote	0.572	Muscovite	0.428	108.22	core	Pale pink vein
Stewart	ST-11-03				398	399	ST11-03.156	Chlorite-Mg	0.765	Epidote	0.235	114.92	core	
Stewart	ST-11-03				399	400	ST11-03.157	Hornblende	0.606	Epidote	0.394	160.19	core	
Stewart	ST-11-03	98	399.73	403.9	400	401	ST11-03.158	Chlorite-Mg	0.797	Epidote	0.203	81.179	core	
Stewart	ST-11-03				401	402	ST11-03.159	Chlorite-FeMg	0.735	Epidote	0.265	70.776	core	
Stewart	ST-11-03				402	403	ST11-03.160	Chlorite-FeMg	0.835	Epidote	0.165	69.366	gouge	
Stewart	ST-11-03				403	404	ST11-03.161	Chlorite-Mg	0.781	Epidote	0.219	100.80	core	
Stewart	ST-11-03	99	403.9	407.9	404	405	ST11-03.162	Chlorite-FeMg	0.780	Epidote	0.220	83.419	core	
Stewart	ST-11-03				405	406	ST11-03.163	Chlorite-Mg	0.737	Epidote	0.263	155.64	core	
Stewart	ST-11-03				406	407	ST11-03.164	Epidote	0.619	Phengite	0.381	112.70	core	
Stewart	ST-11-03				407	408	ST11-03.165	Chlorite-Mg	0.664	Epidote	0.336	143.57	core	
Stewart	ST-11-03	100	407.9	411.53	408	409	ST11-03.166	Chlorite-FeMg	0.766	Epidote	0.234	75.255	core	
Stewart	ST-11-03				409	410	ST11-03.167	Chlorite-FeMg	0.839	Epidote	0.161	98.238	core	
Stewart	ST-11-03				410	411	ST11-03.168	Hornblende	0.708	Epidote	0.292	105.38	core	Pink vein
Stewart	ST-11-03				411	412	ST11-03.169	Chlorite-FeMg	0.827	Epidote	0.173	157.90	core	
Stewart	ST-11-03	101	411.53	416.35	412	413	ST11-03.170	Chlorite-FeMg	0.848	Epidote	0.152	87.572	core	
Stewart	ST-11-03				413	414	ST11-03.171	Chlorite-Mg	0.679	Epidote	0.321	124.48	core	
Stewart	ST-11-03				414	415	ST11-03.172	Chlorite-Mg	0.785	Epidote	0.215	115.68	core	
Stewart	ST-11-03				415	416	ST11-03.173	Epidote	0.809	Hornblende	0.191	34.895	core	
Stewart	ST-11-03				416	417	ST11-03.174	Chlorite-FeMg	0.824	Epidote	0.176	110.76	core	
Stewart	ST-11-03	102	416.35	420.32	417	418	ST11-03.175	Hornblende	0.599	Epidote	0.401	134.80	core	
Stewart	ST-11-03				418	419	ST11-03.176	Hornblende	0.624	Epidote	0.376	135.05	core	
Stewart	ST-11-03				419	420	ST11-03.177	Chlorite-Mg	0.724	Epidote	0.276	64.290	core	Wht vein
Stewart	ST-11-03				420	421	ST11-03.178	Epidote	0.614	Actinolite	0.386	82.791	core	
Stewart	ST-11-03	103	420.32	423.15	421	422	ST11-03.179	Chlorite-Mg	0.785	Epidote	0.215	99.070	core	
Stewart	ST-11-03				422	423	ST11-03.180	Hornblende	0.550	Epidote	0.450	122.84	core	
Stewart	ST-11-03				423	424	ST11-03.181	Chlorite-Mg	0.799	Epidote	0.201	48.956	core	
Stewart	ST-11-03	104	423.15	427.8	424	425	ST11-03.182	Chlorite-FeMg	0.827	Epidote	0.173	69.579	core	
Stewart	ST-11-03				425	426	ST11-03.183	Phengite	0.535	Chlorite-FeMg	0.465	129.89	core	Transition
Stewart	ST-11-03				426	427	ST11-03.184	Phengite	1.000	NULL	NULL	293.16	core	
Stewart	ST-11-03				427	428	ST11-03.185	Phengite	0.792	Prehnite	0.208	201.10	core	
Stewart	ST-11-03	105	427.8	431.08	428	429	ST11-03.186	Phengite	0.842	Ankerite	0.158	235.86	core	
Stewart	ST-11-03				429	430	ST11-03.187	Chlorite-FeMg	0.722	Phengite	0.278	231.33	core	
Stewart	ST-11-03				430	431	ST11-03.188	Phengite	0.667	Siderite	0.333	88.421	core	
Stewart	ST-11-03				431	432	ST11-03.189	Muscovite	1.000	NULL	NULL	239.91	core	
Stewart	ST-11-03	106	431.08	434.32	432	433	ST11-03.190	Muscovite	1.000	NULL	NULL	186.36	core	
Stewart	ST-11-03				433	434	ST11-03.191	Muscovite	1.000	NULL	NULL	188.36	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-03				434	435	ST11-03.192	Muscovite	1.000	NULL	NULL	194.97	core	
Stewart	ST-11-03	107	434.32	437.38	435	436	ST11-03.193	Muscovite	1.000	NULL	NULL	173.25	core	
Stewart	ST-11-03				436	437	ST11-03.194	Chlorite-FeMg	0.754	Muscovite	0.246	85.114	core	
Stewart	ST-11-03				437	438	ST11-03.195	Phengite	1.000	NULL	NULL	198.70	core	
Stewart	ST-11-03	108	437.38	441.66	438	439	ST11-03.196	Phengite	1.000	NULL	NULL	207.44	core	
Stewart	ST-11-03				439	440	ST11-03.197	Phengite	0.507	Chlorite-FeMg	0.493	243.83	core	
Stewart	ST-11-03				440	441	ST11-03.198	Actinolite	0.552	Epidote	0.448	139.84	core	
Stewart	ST-11-03				441	442	ST11-03.199	Chlorite-Mg	0.773	Epidote	0.227	21.028	core	
Stewart	ST-11-03	109	441.66	445.95	442	443	ST11-03.200	Chlorite-Mg	0.701	Epidote	0.299	34.816	core	
Stewart	ST-11-03				443	444	ST11-03.201	Epidote	0.605	Actinolite	0.395	118.21	core	
Stewart	ST-11-03				444	445	ST11-03.202	Epidote	0.549	Hornblende	0.451	112.57	core	
Stewart	ST-11-03				445	446	ST11-03.203	Epidote	0.566	Actinolite	0.434	91.495	core	
Stewart	ST-11-03	110	445.95	449.52	446	447	ST11-03.204	Chlorite-FeMg	0.775	Hornblende	0.225	141.46	core	
Stewart	ST-11-03				447	448	ST11-03.205	Chlorite-Mg	0.805	Epidote	0.195	99.846	core	
Stewart	ST-11-03				448	449	ST11-03.206	Chlorite-FeMg	0.836	Epidote	0.164	132.11	core	
Stewart	ST-11-03				449	450	ST11-03.207	Chlorite-FeMg	0.809	Hornblende	0.191	99.668	core	
Stewart	ST-11-03	111	449.52	452.91	450	451	ST11-03.208	Chlorite-FeMg	0.832	Epidote	0.168	112.17	core	
Stewart	ST-11-03				451	452	ST11-03.209	Chlorite-FeMg	1.000	NULL	NULL	134.32	core	
Stewart	ST-11-03				452	453	ST11-03.210	Chlorite-FeMg	0.825	Epidote	0.175	97.026	core	
Stewart	ST-11-03	112	452.91	456.69	453	454	ST11-03.211	Chlorite-FeMg	0.629	Epidote	0.371	40.047	core	
Stewart	ST-11-03				454	455	ST11-03.212	Chlorite-FeMg	0.636	Epidote	0.364	58.613	core	
Stewart	ST-11-03				455	456	ST11-03.213	Chlorite-FeMg	0.817	Epidote	0.183	79.268	core	
Stewart	ST-11-03				456	457	ST11-03.214	Chlorite-FeMg	0.734	Epidote	0.266	76.260	core	
Stewart	ST-11-03	113	456.69	461.15	457	458	ST11-03.215	Chlorite-FeMg	0.782	Epidote	0.218	73.819	core	
Stewart	ST-11-03				458	459	ST11-03.216	Chlorite-FeMg	0.699	Epidote	0.301	85.542	core	
Stewart	ST-11-03				459	460	ST11-03.217	Chlorite-FeMg	0.680	Epidote	0.320	72.852	core	
Stewart	ST-11-03				460	461	ST11-03.218	Chlorite-FeMg	0.775	Phengite	0.225	160.50	core	
Stewart	ST-11-03				461	462	ST11-03.219	Chlorite-FeMg	0.734	Epidote	0.266	167.37	core	
Stewart	ST-11-03	114	461.15	465.31	462	463	ST11-03.220	Chlorite-FeMg	0.679	Epidote	0.321	98.402	core	
Stewart	ST-11-03				463	464	ST11-03.221	Chlorite-FeMg	0.669	Epidote	0.331	51.426	core	
Stewart	ST-11-03				464	465	ST11-03.222	Chlorite-FeMg	0.756	Epidote	0.244	66.567	core	
Stewart	ST-11-03				465	466	ST11-03.223	Epidote	0.597	Chlorite-FeMg	0.403	50.135	core	
Stewart	ST-11-03	115	465.31	469.52	466	467	ST11-03.224	Chlorite-FeMg	0.516	Epidote	0.484	100.31	core	
Stewart	ST-11-03				467	468	ST11-03.225	Phengite	0.842	Epidote	0.158	167.80	core	
Stewart	ST-11-03				468	469	ST11-03.226	Chlorite-FeMg	0.761	Phengite	0.239	157.60	core	
Stewart	ST-11-03				469	470	ST11-03.227	Montmorillonite	0.654	Epidote	0.346	145.48	core	Pink vein
Stewart	ST-11-03	116	469.52	473.78	470	471	ST11-03.228	Chlorite-FeMg	0.707	Epidote	0.293	81.127	core	
Stewart	ST-11-03				471	472	ST11-03.229	Epidote	1.000	NULL	NULL	47.944	core	
Stewart	ST-11-03				472	473	ST11-03.230	Chlorite-FeMg	0.770	Epidote	0.230	74.655	core	
Stewart	ST-11-03				473	474	ST11-03.231	Chlorite-FeMg	0.774	Phengite	0.226	191.16	core	
Stewart	ST-11-03	117	473.78	478.02	474	475	ST11-03.232	Phengite	0.752	Epidote	0.248	105.51	core	Volcaniclastic
Stewart	ST-11-03				475	476	ST11-03.233	Phengite	0.808	Epidote	0.192	131.21	core	Volcaniclastic
Stewart	ST-11-03				476	477	ST11-03.234	Phengite	0.815	Ankerite	0.185	166.71	core	Volcaniclastic
Stewart	ST-11-03				477	478	ST11-03.235	Phengite	0.806	Epidote	0.194	160.53	core	Volcaniclastic
Stewart	ST-11-03				478	479	ST11-03.236	Chlorite-FeMg	0.717	Epidote	0.283	145.03	core	Volcaniclastic
Stewart	ST-11-03	118	478.02	482.4	479	480	ST11-03.237	Phengite	0.795	Epidote	0.205	125.36	core	
Stewart	ST-11-03				480	481	ST11-03.238	Phengite	0.772	Epidote	0.228	107.24	core	
Stewart	ST-11-03				481	482	ST11-03.239	Montmorillonite	0.819	Epidote	0.181	126.22	core	Pink mineral in volcaniclastic
Stewart	ST-11-03				482	483	ST11-03.240	Phengite	0.721	Epidote	0.279	91.422	core	
Stewart	ST-11-03	119	482.4	486.2	483	484	ST11-03.241	Muscovite	1.000	NULL	NULL	201.19	core	
Stewart	ST-11-03				484	485	ST11-03.242	Epidote	1.000	NULL	NULL	82.864	core	
Stewart	ST-11-03				485	486	ST11-03.243	Phengite	0.700	Chlorite-FeMg	0.300	174.28	core	
Stewart	ST-11-03				486	487	ST11-03.244	Phengite	0.767	Chlorite-FeMg	0.233	145.34	core	
Stewart	ST-11-03	120	486.2	490.31	487	488	ST11-03.245	Muscovite	0.760	Epidote	0.240	101.68	core	
Stewart	ST-11-03				488	489	ST11-03.246	Muscovite	0.835	Epidote	0.165	113.06	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Stewart	ST-11-03				489	490	ST11-03.247	Muscovite	0.635	Chlorite-FeMg	0.365	194.23	core	
Stewart	ST-11-03				490	493	ST11-03.248	Chlorite-FeMg	0.846	Phengite	0.154	24.755	core	
Stewart	ST-11-03	121	490.31	494.92	493	496	ST11-03.249	Muscovite	1.000	NULL	NULL	24.774	core	
Stewart	ST-11-03	122	494.92	499.18	496	499	ST11-03.251	Chlorite-FeMg	0.848	Phengite	0.152	84.604	core	
Stewart	ST-11-03				499	502	ST11-03.252	Chlorite-FeMg	0.635	Epidote	0.365	71.079	core	
Stewart	ST-11-03	123	499.18	503.47	502	505	ST11-03.253	Chlorite-FeMg	0.587	Phengite	0.413	66.946	core	Patchy alt
Stewart	ST-11-03	125	507.81	512.1	508	511	ST11-03.254	Chlorite-FeMg	0.647	Epidote	0.353	161.35	core	
Stewart	ST-11-03				511	514	ST11-03.255	Chlorite-FeMg	0.647	Epidote	0.353	141.05	core	
Stewart	ST-11-03	126	512.1	516.39	514	517	ST11-03.256	Chlorite-FeMg	0.572	Epidote	0.428	90.713	core	
Stewart	ST-11-03	127	516.39	520.77	517	520	ST11-03.257	Epidote	0.521	Phengite	0.479	163.16	core	
Stewart	ST-11-03				520	523	ST11-03.258	Phengite	0.506	Epidote	0.494	152.05	core	
Stewart	ST-11-03	128	520.77	525.2	523	526	ST11-03.259	Chlorite-FeMg	0.570	Epidote	0.430	163.18	core	
Stewart	ST-11-03	129	525.2	529.53	526	529	ST11-03.260	Chlorite-FeMg	0.760	Epidote	0.240	80.306	core	
Stewart	ST-11-03				529	532	ST11-03.261	Chlorite-FeMg	0.639	Epidote	0.361	140.10	core	
Stewart	ST-11-03	130	529.53	533.7	532	535	ST11-03.262	Chlorite-FeMg	0.623	Epidote	0.377	122.14	core	
Stewart	ST-11-03	131	533.7	538.09	535	538	ST11-03.264	Chlorite-FeMg	0.647	Epidote	0.353	105.77	core	
Stewart	ST-11-03				538	541	ST11-03.265	Chlorite-Mg	0.598	Epidote	0.402	106.82	core	Wht vein
Stewart	ST-11-03	132	538.09	542.33	541	544	ST11-03.266	Chlorite-FeMg	0.604	Epidote	0.396	121.85	core	
Stewart	ST-11-03	133	542.33	546.56	544	547	ST11-03.267	Chlorite-FeMg	0.634	Epidote	0.366	131.71	core	
Stewart	ST-11-03	134	546.56	550.68	547	550	ST11-03.268	Chlorite-FeMg	0.694	Epidote	0.306	109.20	core	
Stewart	ST-11-03				550	553	ST11-03.269	Chlorite-FeMg	0.734	Epidote	0.266	106.14	core	
Stewart	ST-11-03	135	550.68	554.96	553	556	ST11-03.270	Epidote	0.797	Calcite	0.203	75.403	core	
Stewart	ST-11-03	136	554.96	559.03	556	559	ST11-03.271	Chlorite-FeMg	0.569	Epidote	0.431	78.552	core	
Stewart	ST-11-03				559	562	ST11-03.272	Chlorite-FeMg	0.682	Muscovite	0.318	172.78	core	
Stewart	ST-11-03	137	559.03	562.97	562	565	ST11-03.273	Muscovite	0.707	Epidote	0.293	47.013	core	
Stewart	ST-11-03	138	562.97	567.19	565	568	ST11-03.274	Muscovite	1.000	NULL	NULL	93.114	core	
Stewart	ST-11-03	139	567.19	571.33	568	571	ST11-03.275	Chlorite-Mg	0.778	Epidote	0.222	74.293	core	
Stewart	ST-11-03				571	574	ST11-03.276	Phengite	0.531	Epidote	0.469	75.525	core	
Stewart	ST-11-03	140	571.33	575.54	574	577	ST11-03.277	Epidote	0.571	Gypsum	0.429	49.476	core	
Stewart	ST-11-03	141	575.54	579.86	577	580	ST11-03.278	Epidote	0.519	Muscovite	0.481	99.202	core	
Stewart	ST-11-03	142	579.86	584.08	580	583	ST11-03.279	Phengite	0.725	Ankerite	0.275	126.31	core	
Stewart	ST-11-03				583	586	ST11-03.280	Epidote	0.512	Chlorite-FeMg	0.488	47.285	core	
Stewart	ST-11-03	143	584.08	587.66	586	587	ST11-03.281	Chlorite-FeMg	0.791	Epidote	0.209	97.970	core	
Stewart	ST-11-03				587	588	ST11-03.282	Muscovite	1.000	NULL	NULL	78.424	core	
Big Easy	BE-11-01				9.00	10.00	BE-11-01.092	Phengite	0.835	Ankerite	0.165	107.18	core	
Big Easy	BE-11-01	2	10.8	14.5	10.00	11.00	BE-11-01.091	Phengite	0.786	Ankerite	0.214	85.889	core	
Big Easy	BE-11-01				25.00	10.10	BE-11-01.090	Chlorite-FeMg	1.000	NULL	NULL	103.56	core	mafic dyke
Big Easy	BE-11-01	5	22.8	26.3	25.40	26.30	BE-11-01.089	Muscovite	1.000	NULL	NULL	132.48	core	
Big Easy	BE-11-01				26.30	25.40	BE-11-01.088	Paragoniticllite	0.740	Montmorillonite	0.260	140.78	core	
Big Easy	BE-11-01				29.00	24.50	BE-11-01.087	Phengite	1.000	NULL	NULL	45.932	core	
Big Easy	BE-11-01				28.10	29.00	BE-11-01.086	Phengite	1.000	NULL	NULL	32.858	core	
Big Easy	BE-11-01				29.00	28.10	BE-11-01.085	Phengite	0.729	Siderite	0.271	28.803	core	
Big Easy	BE-11-01	6	26.3	30.6	32.00	27.20	BE-11-01.084	Phengite	1.000	NULL	NULL	42.348	core	
Big Easy	BE-11-01				31.10	32.00	BE-11-01.083	Phengite	0.512	Chlorite-FeMg	0.488	85.044	core	
Big Easy	BE-11-01				32.00	31.10	BE-11-01.082	Phengite	1.000	NULL	NULL	70.106	core	
Big Easy	BE-11-01				29.30	30.20	BE-11-01.081	Phengiticllite	1.000	NULL	NULL	216.44	core	
Big Easy	BE-11-01	7	30.6	34.6	28.40	29.30	BE-11-01.080	Phengiticllite	0.809	Epidote	0.191	198.80	core	
Big Easy	BE-11-01				27.50	28.40	BE-11-01.079	Phengiticllite	1.000	NULL	NULL	278.45	core	
Big Easy	BE-11-01				26.60	27.50	BE-11-01.078	Phengiticllite	1.000	NULL	NULL	228.94	core	
Big Easy	BE-11-01				38.00	26.60	BE-11-01.077	Phengiticllite	1.000	NULL	NULL	235.86	core	
Big Easy	BE-11-01				37.10	38.00	BE-11-01.076	Phengiticllite	1.000	NULL	NULL	53.783	core	
Big Easy	BE-11-01	8	34.6	38.5	38.00	37.10	BE-11-01.075	Phengiticllite	1.000	NULL	NULL	152.20	core	
Big Easy	BE-11-01				41.00	36.20	BE-11-01.074	Phengiticllite	0.696	Chlorite-FeMg	0.304	214.86	core	
Big Easy	BE-11-01				40.10	41.00	BE-11-01.073	Phengiticllite	1.000	NULL	NULL	205.54	core	
Big Easy	BE-11-01				41.00	40.10	BE-11-01.072	Phengiticllite	1.000	NULL	NULL	86.915	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-11-01	9	38.5	42.7	43.50	42.70	BE-11-01.071	Phengiticllite	1.000	NULL	NULL	410.17	core	
Big Easy	BE-11-01				42.70	43.50	BE-11-01.070	Phengite	1.000	NULL	NULL	37.160	core	
Big Easy	BE-11-01				43.50	42.60	BE-11-01.069	Phengiticllite	1.000	NULL	NULL	353.83	core	
Big Easy	BE-11-01				40.80	41.70	BE-11-01.068	Phengiticllite	1.000	NULL	NULL	213.30	core	
Big Easy	BE-11-01				39.90	40.80	BE-11-01.067	Phengiticllite	1.000	NULL	NULL	372.98	core	
Big Easy	BE-11-01	10	42.7	46.9	39.00	39.90	BE-11-01.066	Phengiticllite	1.000	NULL	NULL	391.47	core	
Big Easy	BE-11-01				38.10	39.00	BE-11-01.065	Phengiticllite	1.000	NULL	NULL	126.68	core	
Big Easy	BE-11-01				38.00	38.10	BE-11-01.064	Phengiticllite	1.000	NULL	NULL	264.71	core	
Big Easy	BE-11-01				51.20	38.00	BE-11-01.063	Paragoniticllite	1.000	NULL	NULL	316.00	core	
Big Easy	BE-11-01	11	46.9	51.2	50.30	51.20	BE-11-01.062	Paragoniticllite	1.000	NULL	NULL	117.51	core	
Big Easy	BE-11-01				51.20	50.30	BE-11-01.061	Paragoniticllite	1.000	NULL	NULL	94.728	core	
Big Easy	BE-11-01				48.50	49.40	BE-11-01.060	Paragoniticllite	1.000	NULL	NULL	134.62	core	
Big Easy	BE-11-01				47.60	48.50	BE-11-01.059	Paragoniticllite	1.000	NULL	NULL	155.94	core	
Big Easy	BE-11-01				46.70	47.60	BE-11-01.058	Paragoniticllite	0.717	Chlorite-Fe	0.283	165.91	core	
Big Easy	BE-11-01	12	51.2	55.25	45.80	46.70	BE-11-01.057	Muscovite	1.000	NULL	NULL	112.71	core	
Big Easy	BE-11-01				44.90	45.80	BE-11-01.056	Paragoniticllite	1.000	NULL	NULL	75.654	core	
Big Easy	BE-11-01				44.00	44.90	BE-11-01.055	Muscovite	1.000	NULL	NULL	181.51	core	
Big Easy	BE-11-01				43.10	44.00	BE-11-01.054	Phengite	1.000	NULL	NULL	78.477	core	
Big Easy	BE-11-01	13	55.25	59.5	42.20	43.10	BE-11-01.053	Phengite	1.000	NULL	NULL	53.150	core	
Big Easy	BE-11-01				59.50	42.20	BE-11-01.052	Phengite	1.000	NULL	NULL	73.199	core	
Big Easy	BE-11-01				40.40	41.30	BE-11-01.051	Phengite	1.000	NULL	NULL	145.21	core	
Big Easy	BE-11-01				39.50	40.40	BE-11-01.050	Chlorite-Fe	0.508	Phengite	0.492	164.92	core	
Big Easy	BE-11-01				38.60	39.50	BE-11-01.049	Phengite	1.000	NULL	NULL	346.03	core	
Big Easy	BE-11-01	14	59.5	63.6	37.70	38.60	BE-11-01.048	Phengite	1.000	NULL	NULL	74.105	core	
Big Easy	BE-11-01				36.80	37.70	BE-11-01.047	Phengite	1.000	NULL	NULL	287.15	core	
Big Easy	BE-11-01				35.90	36.80	BE-11-01.046	Phengiticllite	1.000	NULL	NULL	75.220	core	
Big Easy	BE-11-01				68.00	35.90	BE-11-01.045	Chlorite-FeMg	0.518	Paragoniticllite	0.482	261.84	core	
Big Easy	BE-11-01	15	63.6	68	67.10	68.00	BE-11-01.044	Paragoniticllite	0.510	Chlorite-FeMg	0.490	97.266	core	
Big Easy	BE-11-01				68.00	67.10	BE-11-01.043	Chlorite-FeMg	0.661	Phengiticllite	0.339	211.88	core	
Big Easy	BE-11-01				71.00	66.20	BE-11-01.042	Phengiticllite	0.519	Chlorite-FeMg	0.481	155.22	core	
Big Easy	BE-11-01				70.10	71.00	BE-11-01.041	Phengite	0.671	Chlorite-FeMg	0.329	127.74	core	
Big Easy	BE-11-01				71.00	70.10	BE-11-01.040	Phengiticllite	1.000	NULL	NULL	227.41	core	
Big Easy	BE-11-01	16	68	72.4	68.30	69.20	BE-11-01.039	Muscovite	0.684	Ankerite	0.316	61.727	core	
Big Easy	BE-11-01				67.40	68.30	BE-11-01.038	Phengite	0.820	Ankerite	0.180	79.871	core	
Big Easy	BE-11-01				66.50	67.40	BE-11-01.037	Muscovite	0.641	Chlorite-FeMg	0.359	183.51	core	
Big Easy	BE-11-01				76.70	66.50	BE-11-01.036	Phengite	1.000	NULL	NULL	92.700	core	
Big Easy	BE-11-01	17	72.4	76.7	75.80	76.70	BE-11-01.035	Phengite	1.000	NULL	NULL	48.996	core	
Big Easy	BE-11-01				76.70	75.80	BE-11-01.034	Phengite	0.800	Ankerite	0.200	40.398	core	
Big Easy	BE-11-01				74.00	74.90	BE-11-01.033	Phengite	0.782	Ankerite	0.218	62.443	core	
Big Easy	BE-11-01				80.00	74.00	BE-11-01.032	Phengite	1.000	NULL	NULL	89.289	core	
Big Easy	BE-11-01				80.90	80.00	BE-11-01.031	Phengite	1.000	NULL	NULL	83.046	core	
Big Easy	BE-11-01	18	76.7	80.9	80.00	80.90	BE-11-01.030	Phengite	0.715	Ankerite	0.285	83.100	core	
Big Easy	BE-11-01				80.90	80.00	BE-11-01.029	Phengite	0.715	Chlorite-FeMg	0.285	141.28	core	
Big Easy	BE-11-01				78.20	79.10	BE-11-01.028	Phengite	0.621	Chlorite-FeMg	0.379	143.29	core	
Big Easy	BE-11-01				83.00	78.20	BE-11-01.027	Muscovite	0.645	Chlorite-Fe	0.355	267.80	core	
Big Easy	BE-11-01				76.40	77.30	BE-11-01.026	Paragoniticllite	1.000	NULL	NULL	105.18	core	
Big Easy	BE-11-01	19	80.9	85.3	75.50	76.40	BE-11-01.025	Paragoniticllite	0.600	Chlorite-FeMg	0.400	282.68	core	
Big Easy	BE-11-01				85.75	75.50	BE-11-01.024	Phengite	1.000	NULL	NULL	64.647	core	
Big Easy	BE-11-01				73.70	74.60	BE-11-01.023	Phengiticllite	0.697	Chlorite-FeMg	0.303	162.36	core	
Big Easy	BE-11-01				89.50	73.70	BE-11-01.022	Phengite	0.608	Chlorite-FeMg	0.392	350.14	core	
Big Easy	BE-11-01	20	85.3	89.5	88.60	89.50	BE-11-01.021	Phengite	0.698	Epidote	0.302	108.10	core	
Big Easy	BE-11-01				89.50	88.60	BE-11-01.020	Epidote	1.000	NULL	NULL	161.48	core	
Big Easy	BE-11-01				86.80	87.70	BE-11-01.019	Chlorite-FeMg	0.507	Phengite	0.493	228.51	core	
Big Easy	BE-11-01				85.90	86.80	BE-11-01.018	Chlorite-FeMg	0.578	Phengite	0.422	140.33	core	
Big Easy	BE-11-01				85.00	85.90	BE-11-01.017	Phengite	0.735	Epidote	0.265	162.68	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-11-01	21	89.5	93.7	84.10	85.00	BE-11-01.016	Phengite	0.764	Siderite	0.236	83.887	core	
Big Easy	BE-11-01				83.20	84.10	BE-11-01.015	Muscovite	0.735	Epidote	0.265	82.684	core	
Big Easy	BE-11-01				82.30	83.20	BE-11-01.014	Phengite	0.630	Epidote	0.370	172.32	core	
Big Easy	BE-11-01				97.90	82.30	BE-11-01.013	Muscovite	0.733	Epidote	0.267	77.113	core	
Big Easy	BE-11-01	22	93.7	97.9	97.00	97.90	BE-11-01.012	Epidote	0.642	Muscovite	0.358	79.079	core	
Big Easy	BE-11-01				97.90	97.00	BE-11-01.011	Muscovite	0.822	Ankerite	0.178	50.769	core	
Big Easy	BE-11-01				95.20	96.10	BE-11-01.010	Phengite	0.689	Ankerite	0.311	66.750	core	
Big Easy	BE-11-01				94.30	95.20	BE-11-01.009	Chlorite-FeMg	0.574	Muscovite	0.426	60.004	core	
Big Easy	BE-11-01				93.40	94.30	BE-11-01.008	Muscovite	0.778	Ankerite	0.222	34.001	core	
Big Easy	BE-11-01	23	97.9	102.1	103.50	93.40	BE-11-01.007	Muscovite	0.681	Chlorite-FeMg	0.319	100.96	core	
Big Easy	BE-11-01				102.50	103.50	BE-11-01.006	Muscovite	1.000	NULL	NULL	73.967	core	
Big Easy	BE-11-01				103.50	102.50	BE-11-01.005	Muscovite	1.000	NULL	NULL	60.462	core	
Big Easy	BE-11-01				106.45	101.50	BE-11-01.004	Muscovite	0.785	Ankerite	0.215	59.036	core	
Big Easy	BE-11-01	24	102.1	106.45	106.80	106.45	BE-11-01.003	Muscovite	1.000	NULL	NULL	80.674	core	
Big Easy	BE-11-01				106.45	106.80	BE-11-01.002	Muscovite	1.000	NULL	NULL	62.594	core	
Big Easy	BE-11-01	25	106.45	107	106.80	107.00	BE-11-01.001	Phengite	1.000	NULL	NULL	63.586	core	End of DHH BE-11-01
Big Easy	BE-12-08	28	111	115.4	111.00	112.00	BE-12-08.001	Phengiticillite	1.000	NULL	NULL	123.26	core	Started sampling at 111m
Big Easy	BE-12-08				112.00	113.00	BE-12-08.002	Phengiticillite	0.849	Ankerite	0.151	95.906	core	
Big Easy	BE-12-08				113.00	114.00	BE-12-08.004	Phengite	1.000	NULL	NULL	64.149	core	
Big Easy	BE-12-08				114.00	115.00	BE-12-08.005	Chlorite-FeMg	0.773	Phengite	0.227	75.387	core	
Big Easy	BE-12-08				115.00	116.00	BE-12-08.006	Phengite	0.776	Brucite	0.224	29.663	core	
Big Easy	BE-12-08	29	115.4	119.8	116.00	117.00	BE-12-08.008	Chlorite-FeMg	0.677	Phengite	0.323	74.235	core	
Big Easy	BE-12-08				117.00	118.00	BE-12-08.010	Phengite	0.789	Epidote	0.211	39.991	core	
Big Easy	BE-12-08				118.00	119.00	BE-12-08.011	Chlorite-FeMg	1.000	NULL	NULL	84.462	core	
Big Easy	BE-12-08				119.00	120.00	BE-12-08.012	Phengite	1.000	NULL	NULL	63.719	core	
Big Easy	BE-12-08	30	119.8	124	120.00	121.00	BE-12-08.013	Phengite	0.576	Siderite	0.424	19.405	core	
Big Easy	BE-12-08				121.00	122.00	BE-12-08.014	Opal	1.000	NULL	NULL	38.416	core	
Big Easy	BE-12-08				122.00	123.00	BE-12-08.017	Phengite	0.755	Brucite	0.245	21.856	core	
Big Easy	BE-12-08				123.00	124.00	BE-12-08.018	Phengite	0.588	Siderite	0.412	34.100	core	
Big Easy	BE-12-08				124.00	125.00	BE-12-08.019	Phengite	0.671	Brucite	0.329	43.844	core	
Big Easy	BE-12-08	31	124	128.3	125.00	126.00	BE-12-08.020	Chlorite-FeMg	0.659	Phengite	0.341	19.297	core	
Big Easy	BE-12-08				126.00	127.00	BE-12-08.021	Siderite	0.656	Montmorillonite	0.344	34.634	core	
Big Easy	BE-12-08				127.00	128.00	BE-12-08.022	Phengite	0.761	Brucite	0.239	26.950	core	
Big Easy	BE-12-08				128.00	129.00	BE-12-08.023	Phengite	0.697	Brucite	0.303	11.877	core	
Big Easy	BE-12-08	32	128.3	132.5	129.00	130.00	BE-12-08.024	Phengite	1.000	NULL	NULL	50.979	core	
Big Easy	BE-12-08				130.00	131.00	BE-12-08.025	Phengite	0.790	Brucite	0.210	21.980	core	
Big Easy	BE-12-08				131.00	132.00	BE-12-08.026	Phengite	0.770	Brucite	0.230	37.260	core	
Big Easy	BE-12-08				132.00	133.00	BE-12-08.027	Phengite	1.000	NULL	NULL	91.436	core	
Big Easy	BE-12-08	33	132.5	135.1	133.00	134.00	BE-12-08.028	Chlorite-FeMg	0.793	Phengite	0.207	96.491	core	rubbley core
Big Easy	BE-12-08				134.00	135.00	BE-12-08.029	Siderite	0.509	Phengite	0.491	25.759	core	rubbley core
Big Easy	BE-12-08				135.00	136.00	BE-12-08.031	Phengite	1.000	NULL	NULL	114.89	core	
Big Easy	BE-12-08	34	135.1	139.1	136.00	137.00	BE-12-08.032	Calcite	0.521	Phengite	0.479	92.595	core	
Big Easy	BE-12-08				137.00	143.50	BE-12-08.033	Phengite	0.845	Brucite	0.155	18.366	core	
Big Easy	BE-12-08	36	143.2	146	143.50	144.00	BE-12-08.034	Chlorite-FeMg	0.568	Phengite	0.432	53.522	core	
Big Easy	BE-12-08				144.00	145.00	BE-12-08.035	Phengite	0.825	Brucite	0.175	60.278	core	
Big Easy	BE-12-08				145.00	145.50	BE-12-08.036	Chlorite-FeMg	0.651	Phengite	0.349	49.247	core	
Big Easy	BE-12-08				145.50	146.00	BE-12-08.038	Chlorite-FeMg	0.806	Phengite	0.194	57.180	core	End of DHH BE-12-08
Big Easy	BE-12-09	1	5	9.2	5.00	6.00	BE-12-09.001	Phengite	1.000	NULL	NULL	42.049	core	
Big Easy	BE-12-09				6.00	7.00	BE-12-09.003	Phengite	1.000	NULL	NULL	167.60	core	banded vein
Big Easy	BE-12-09				7.00	8.00	BE-12-09.004	Phengite	0.586	Siderite	0.414	36.217	core	wallrock
Big Easy	BE-12-09				8.00	9.00	BE-12-09.005	Chlorite-FeMg	1.000	NULL	NULL	52.183	core	
Big Easy	BE-12-09				9.00	10.00	BE-12-09.006	Chlorite-Mg	0.513	Phengite	0.487	44.156	core	
Big Easy	BE-12-09	2	9.2	13.1	10.00	11.00	BE-12-09.007	Chlorite-FeMg	1.000	NULL	NULL	92.540	core	
Big Easy	BE-12-09				11.00	12.00	BE-12-09.008	Chlorite-FeMg	1.000	NULL	NULL	70.790	core	
Big Easy	BE-12-09				12.00	13.00	BE-12-09.010	Siderite	0.710	Montmorillonite	0.290	32.944	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-12-09				13.00	14.00	BE-12-09.012	Phengite	0.540	Siderite	0.460	27.439	core	well developed banded vein
Big Easy	BE-12-09	3	13.1	17.2	14.00	15.00	BE-12-09.014	Aspectral	1.000	NULL	NULL	22.663	core	
Big Easy	BE-12-09				15.00	16.00	BE-12-09.015	Phengite	0.531	Siderite	0.469	16.552	core	
Big Easy	BE-12-09				16.00	17.00	BE-12-09.017	Aspectral	1.000	NULL	NULL	77.651	core	
Big Easy	BE-12-09				17.00	18.00	BE-12-09.018	Phengiticllite	1.000	NULL	NULL	162.46	core	
Big Easy	BE-12-09	4	17.2	21.4	18.00	19.00	BE-12-09.019	Chlorite-FeMg	1.000	NULL	NULL	36.395	core	
Big Easy	BE-12-09				19.00	20.00	BE-12-09.020	Chlorite-FeMg	1.000	NULL	NULL	35.122	core	
Big Easy	BE-12-09				20.00	21.00	BE-12-09.021	Aspectral	1.000	NULL	NULL	55.210	core	
Big Easy	BE-12-09				21.00	22.00	BE-12-09.022	Aspectral	1.000	NULL	NULL	29.158	core	
Big Easy	BE-12-09	5	21.4	25.3	22.00	23.00	BE-12-09.023	Siderite	0.623	Phengite	0.377	21.558	core	
Big Easy	BE-12-09				23.00	24.00	BE-12-09.024	Chlorite-FeMg	1.000	NULL	NULL	49.173	core	
Big Easy	BE-12-09				24.00	25.00	BE-12-09.025	Aspectral	1.000	NULL	NULL	37.992	core	
Big Easy	BE-12-09				25.00	26.00	BE-12-09.026	Chlorite-FeMg	1.000	NULL	NULL	36.147	core	
Big Easy	BE-12-09	6	25.3	29.1	26.00	27.00	BE-12-09.027	Chlorite-FeMg	1.000	NULL	NULL	43.386	core	
Big Easy	BE-12-09				27.00	28.00	BE-12-09.028	Siderite	0.635	Phengite	0.365	19.544	core	
Big Easy	BE-12-09				28.00	29.00	BE-12-09.029	Chlorite-FeMg	0.782	Muscovite	0.218	61.155	core	
Big Easy	BE-12-09				29.00	30.00	BE-12-09.030	Siderite	0.517	Phengite	0.483	29.555	core	
Big Easy	BE-12-09	7	29.1	33.3	30.00	31.00	BE-12-09.031	Phengite	1.000	NULL	NULL	59.432	core	fractured core
Big Easy	BE-12-09				31.00	32.00	BE-12-09.032	Siderite	0.542	Phengite	0.458	21.025	core	
Big Easy	BE-12-09				32.00	33.00	BE-12-09.033	Phengite	0.560	Siderite	0.440	31.720	core	
Big Easy	BE-12-09				33.00	34.00	BE-12-09.035	Phengite	0.547	Siderite	0.453	45.503	core	
Big Easy	BE-12-09	8	33.3	37.7	34.00	35.00	BE-12-09.036	Siderite	0.530	Montmorillonite	0.470	59.510	core	
Big Easy	BE-12-09				35.00	36.00	BE-12-09.037	Aspectral	1.000	NULL	NULL	54.345	core	
Big Easy	BE-12-09				36.00	37.00	BE-12-09.038	Aspectral	1.000	NULL	NULL	30.333	core	
Big Easy	BE-12-09				37.00	38.00	BE-12-09.039	Phengite	1.000	NULL	NULL	68.078	core	network fractured core
Big Easy	BE-12-09	9	37.7	41.8	38.00	39.00	BE-12-09.040	Muscovite	1.000	NULL	NULL	67.827	core	
Big Easy	BE-12-09				39.00	40.00	BE-12-09.041	Phengite	0.502	Siderite	0.498	50.012	core	
Big Easy	BE-12-09				40.00	41.00	BE-12-09.042	Phengite	1.000	NULL	NULL	32.689	core	
Big Easy	BE-12-09				41.00	42.00	BE-12-09.043	Phengite	0.810	Magnesite	0.190	24.835	core	
Big Easy	BE-12-09	10	41.8	45.5	42.00	43.00	BE-12-09.044	Phengite	0.662	Siderite	0.338	32.296	core	
Big Easy	BE-12-09				43.00	44.00	BE-12-09.045	Phengite	0.654	Siderite	0.346	22.135	core	
Big Easy	BE-12-09				44.00	45.00	BE-12-09.046	Phengite	0.828	Magnesite	0.172	30.520	core	
Big Easy	BE-12-09				45.00	46.00	BE-12-09.047	Phengite	1.000	NULL	NULL	41.217	core	
Big Easy	BE-12-09	11	45.5	49.3	46.00	47.00	BE-12-09.048	Phengite	0.823	Magnesite	0.177	17.657	core	
Big Easy	BE-12-09				47.00	48.00	BE-12-09.049	Muscovite	1.000	NULL	NULL	33.558	core	
Big Easy	BE-12-09				48.00	49.00	BE-12-09.050	Phengite	1.000	NULL	NULL	53.918	core	
Big Easy	BE-12-09				49.00	50.00	BE-12-09.052	Phengite	1.000	NULL	NULL	67.933	core	
Big Easy	BE-12-09	12	49.3	53.8	50.00	51.00	BE-12-09.053	Phengite	1.000	NULL	NULL	51.346	core	
Big Easy	BE-12-09				51.00	52.00	BE-12-09.054	Phengiticllite	1.000	NULL	NULL	252.53	core	
Big Easy	BE-12-09				52.00	53.00	BE-12-09.056	Phengite	1.000	NULL	NULL	31.054	core	
Big Easy	BE-12-09				53.00	54.00	BE-12-09.057	Phengite	1.000	NULL	NULL	54.251	core	
Big Easy	BE-12-09	13	53.8	57.3	54.00	55.00	BE-12-09.058	Phengite	1.000	NULL	NULL	64.567	core	
Big Easy	BE-12-09				55.00	56.00	BE-12-09.059	Phengite	1.000	NULL	NULL	64.691	core	
Big Easy	BE-12-09				56.00	57.00	BE-12-09.061	Muscovite	1.000	NULL	NULL	39.186	core	
Big Easy	BE-12-09				57.00	58.00	BE-12-09.062	Muscovite	1.000	NULL	NULL	29.726	core	
Big Easy	BE-12-09	14	57.3	60.8	58.00	59.00	BE-12-09.063	Phengite	0.781	Magnesite	0.219	42.105	core	
Big Easy	BE-12-09				59.00	60.00	BE-12-09.064	Phengite	1.000	NULL	NULL	260.22	core	
Big Easy	BE-12-09				60.00	61.00	BE-12-09.065	Phengite	0.808	Magnesite	0.192	42.163	core	
Big Easy	BE-12-09	15	60.8	64.1	61.00	62.00	BE-12-09.066	Phengite	0.609	Siderite	0.391	31.261	core	highly broken core
Big Easy	BE-12-09				62.00	63.00	BE-12-09.067	Phengite	0.731	Ankerite	0.269	33.928	core	
Big Easy	BE-12-09				63.00	64.00	BE-12-09.068	Phengite	1.000	NULL	NULL	150.43	core	
Big Easy	BE-12-09				64.00	65.00	BE-12-09.069	Chlorite-FeMg	0.662	Phengiticllite	0.338	103.94	core	
Big Easy	BE-12-09	16	64.1	68.5	65.00	66.00	BE-12-09.070	Phengite	1.000	NULL	NULL	31.231	core	
Big Easy	BE-12-09				66.00	67.00	BE-12-09.071	Phengite	1.000	NULL	NULL	83.734	core	
Big Easy	BE-12-09				67.00	68.00	BE-12-09.072	Siderite	0.531	Phengite	0.469	26.246	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-12-09				68.00	69.00	BE-12-09.073	Phengite	1.000	NULL	NULL	38.115	core	
Big Easy	BE-12-09	17	68.5	72.8	69.00	70.00	BE-12-09.074	Phengite	1.000	NULL	NULL	40.193	core	
Big Easy	BE-12-09				70.00	71.00	BE-12-09.075	Siderite	0.548	Montmorillonite	0.452	41.075	core	
Big Easy	BE-12-09				71.00	72.00	BE-12-09.076	Aspectral	1.000	NULL	NULL	28.982	core	
Big Easy	BE-12-09				72.00	73.00	BE-12-09.077	Aspectral	1.000	NULL	NULL	163.43	core	
Big Easy	BE-12-09	18	72.8	76.8	73.00	74.00	BE-12-09.078	Aspectral	1.000	NULL	NULL	110.90	core	
Big Easy	BE-12-09				74.00	75.00	BE-12-09.079	Aspectral	1.000	NULL	NULL	40.940	core	
Big Easy	BE-12-09				75.00	76.00	BE-12-09.080	Phengite	0.667	Ankerite	0.333	31.852	core	
Big Easy	BE-12-09				76.00	77.00	BE-12-09.081	Aspectral	1.000	NULL	NULL	21.391	core	
Big Easy	BE-12-09	19	76.8	80.6	77.00	78.00	BE-12-09.082	Siderite	0.551	Phengite	0.449	24.733	core	
Big Easy	BE-12-09				78.00	79.00	BE-12-09.083	Phengite	0.682	Magnesite	0.318	20.844	core	
Big Easy	BE-12-09				79.00	80.00	BE-12-09.084	Phengite	0.535	Siderite	0.465	37.505	core	
Big Easy	BE-12-09				80.00	81.00	BE-12-09.085	Chlorite-FeMg	1.000	NULL	NULL	36.809	core	
Big Easy	BE-12-09	20	80.6	84.6	81.00	82.00	BE-12-09.086	Phengite	1.000	NULL	NULL	58.999	core	
Big Easy	BE-12-09				82.00	83.00	BE-12-09.088	Aspectral	1.000	NULL	NULL	41.823	core	
Big Easy	BE-12-09				83.00	84.00	BE-12-09.089	Phengite	1.000	NULL	NULL	41.016	core	
Big Easy	BE-12-09				84.00	85.00	BE-12-09.090	Aspectral	1.000	NULL	NULL	31.508	core	
Big Easy	BE-12-09	21	84.6	88.4	85.00	86.00	BE-12-09.091	Phengite	0.505	Siderite	0.495	22.324	core	
Big Easy	BE-12-09				86.00	87.00	BE-12-09.092	Phengite	0.647	Ankerite	0.353	36.900	core	
Big Easy	BE-12-09				87.00	88.00	BE-12-09.093	Phengite	0.798	Ankerite	0.202	60.947	core	
Big Easy	BE-12-09				88.00	89.00	BE-12-09.094	Phengite	0.601	Siderite	0.399	27.830	core	
Big Easy	BE-12-09	22	88.4	92.5	89.00	90.00	BE-12-09.095	Phengite	0.582	Siderite	0.418	46.585	core	
Big Easy	BE-12-09				90.00	91.00	BE-12-09.096	Chlorite-FeMg	1.000	NULL	NULL	233.71	core	
Big Easy	BE-12-09				91.00	92.00	BE-12-09.097	Phengite	0.538	Siderite	0.462	21.465	core	
Big Easy	BE-12-09				92.00	93.00	BE-12-09.098	Phengite	0.634	Ankerite	0.366	21.928	core	
Big Easy	BE-12-09	23	92.5	96.4	93.00	94.00	BE-12-09.099	Chlorite-FeMg	0.816	Epidote	0.184	23.496	core	
Big Easy	BE-12-09				94.00	95.00	BE-12-09.100	Muscovite	1.000	NULL	NULL	32.632	core	
Big Easy	BE-12-09				95.00	96.00	BE-12-09.101	Chlorite-FeMg	1.000	NULL	NULL	35.955	core	
Big Easy	BE-12-09				96.00	97.00	BE-12-09.102	Chlorite-FeMg	0.768	Muscovite	0.232	18.895	core	
Big Easy	BE-12-09	24	96.4	99.9	97.00	98.00	BE-12-09.103	Chlorite-FeMg	0.743	Phengite	0.257	28.027	core	
Big Easy	BE-12-09				98.00	99.00	BE-12-09.104	Chlorite-FeMg	1.000	NULL	NULL	35.864	core	
Big Easy	BE-12-09				99.00	100.00	BE-12-09.105	Chlorite-FeMg	0.794	Phengite	0.206	35.324	core	
Big Easy	BE-12-09	25	99.9	104.2	100.00	101.00	BE-12-09.106	Siderite	0.584	Phengite	0.416	19.495	core	
Big Easy	BE-12-09				101.00	102.00	BE-12-09.107	Phengite	0.674	Ankerite	0.326	69.740	core	broken core; at the block 101m
Big Easy	BE-12-09				102.00	103.00	BE-12-09.108	Chlorite-Mg	0.792	Epidote	0.208	30.509	core	
Big Easy	BE-12-09				103.00	104.00	BE-12-09.109	Chlorite-Mg	1.000	NULL	NULL	37.697	core	
Big Easy	BE-12-09				104.00	105.00	BE-12-09.110	Chlorite-FeMg	1.000	NULL	NULL	22.089	core	
Big Easy	BE-12-09	26	104.2	108.7	105.00	106.00	BE-12-09.111	Siderite	0.514	Phengite	0.486	28.222	core	
Big Easy	BE-12-09				106.00	107.00	BE-12-09.112	Siderite	0.666	Phengite	0.334	17.302	core	
Big Easy	BE-12-09				107.00	108.00	BE-12-09.113	Chlorite-FeMg	0.839	Epidote	0.161	48.094	core	
Big Easy	BE-12-09				108.00	109.00	BE-12-09.114	Aspectral	1.000	NULL	NULL	20.098	core	
Big Easy	BE-12-09	27	108.7	112.2	109.00	110.00	BE-12-09.117	Chlorite-FeMg	1.000	NULL	NULL	21.977	core	
Big Easy	BE-12-09				110.00	111.00	BE-12-09.118	Phengite	1.000	NULL	NULL	46.891	core	
Big Easy	BE-12-09				111.00	112.00	BE-12-09.119	Muscovite	1.000	NULL	NULL	88.456	core	
Big Easy	BE-12-09				112.00	113.00	BE-12-09.120	Chlorite-FeMg	0.770	Ankerite	0.230	23.350	core	
Big Easy	BE-12-09	28	112.2	115.3	113.00	114.00	BE-12-09.121	Chlorite-FeMg	1.000	NULL	NULL	29.386	core	
Big Easy	BE-12-09				114.00	115.00	BE-12-09.122	Aspectral	1.000	NULL	NULL	32.461	core	broken core
Big Easy	BE-12-09				115.00	116.00	BE-12-09.123	Aspectral	1.000	NULL	NULL	51.425	core	
Big Easy	BE-12-09	29	115.3	118.9	116.00	117.00	BE-12-09.124	Chlorite-FeMg	0.628	Phengite	0.372	89.164	core	
Big Easy	BE-12-09				117.00	118.00	BE-12-09.125	Chlorite-FeMg	0.716	Phengite	0.284	25.188	core	broken core
Big Easy	BE-12-09				118.00	119.00	BE-12-09.126	Chlorite-FeMg	0.848	Phengite	0.152	44.821	core	back to good core
Big Easy	BE-12-09	30	118.9	122.5	119.00	120.00	BE-12-09.127	Chlorite-FeMg	1.000	NULL	NULL	56.466	core	
Big Easy	BE-12-09				120.00	121.00	BE-12-09.128	Chlorite-FeMg	1.000	NULL	NULL	103.35	core	weakly broken core; minor network fracturing
Big Easy	BE-12-09				121.00	122.00	BE-12-09.129	Chlorite-FeMg	0.725	Phengite	0.275	36.347	core	weakly broken core
Big Easy	BE-12-09				122.00	123.00	BE-12-09.130	Aspectral	1.000	NULL	NULL	27.945	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-12-09	31	122.5	126.4	123.00	124.00	BE-12-09.131	Aspectral	1.000	NULL	NULL	69.234	core	
Big Easy	BE-12-09				124.00	125.00	BE-12-09.132	Chlorite-FeMg	0.723	Phengite	0.277	50.296	core	
Big Easy	BE-12-09				125.00	126.00	BE-12-09.133	Chlorite-FeMg	0.572	Phengite	0.428	24.813	core	
Big Easy	BE-12-09				126.00	127.00	BE-12-09.134	Chlorite-FeMg	0.822	Phengite	0.178	26.754	core	
Big Easy	BE-12-09	32	126.4	130.5	127.00	128.00	BE-12-09.135	Phengite	1.000	NULL	NULL	41.514	core	
Big Easy	BE-12-09				128.00	129.00	BE-12-09.136	Phengiticllite	1.000	NULL	NULL	112.19	core	
Big Easy	BE-12-09	34	134.6	138.8	137.00	138.00	BE-12-09.137	Phengite	1.000	NULL	NULL	59.853	core	
Big Easy	BE-12-09				138.00	139.00	BE-12-09.138	Chlorite-FeMg	0.646	Phengite	0.354	38.444	core	
Big Easy	BE-12-09	35	138.8	142.7	139.00	140.00	BE-12-09.139	Chlorite-FeMg	0.709	Phengite	0.291	38.724	core	
Big Easy	BE-12-09				140.00	141.00	BE-12-09.140	Chlorite-FeMg	0.662	Phengite	0.338	89.985	core	
Big Easy	BE-12-09				141.00	142.00	BE-12-09.141	Aspectral	1.000	NULL	NULL	64.430	core	
Big Easy	BE-12-09				142.00	143.00	BE-12-09.142	Aspectral	1.000	NULL	NULL	164.34	core	
Big Easy	BE-12-09	36	142.7	146.8	143.00	144.00	BE-12-09.143	Chlorite-FeMg	1.000	NULL	NULL	89.620	core	
Big Easy	BE-12-09				144.00	145.00	BE-12-09.144	Aspectral	1.000	NULL	NULL	54.303	core	
Big Easy	BE-12-09				145.00	146.00	BE-12-09.145	Chlorite-FeMg	1.000	NULL	NULL	31.868	core	
Big Easy	BE-12-09				146.00	147.00	BE-12-09.146	Chlorite-FeMg	0.779	Phengite	0.221	34.624	core	
Big Easy	BE-12-09	37	146.8	151	147.00	148.00	BE-12-09.147	Phengiticllite	0.662	Montmorillonite	0.338	65.895	core	yellow mineral in fracture
Big Easy	BE-12-09				148.00	149.00	BE-12-09.148	Aspectral	1.000	NULL	NULL	51.111	core	
Big Easy	BE-12-09				149.00	150.00	BE-12-09.149	Phengite	0.687	Ankerite	0.313	24.509	core	
Big Easy	BE-12-09				150.00	151.00	BE-12-09.151	Aspectral	1.000	NULL	NULL	53.483	core	
Big Easy	BE-12-09	38	151	155.1	151.00	152.00	BE-12-09.152	Siderite	1.000	NULL	NULL	20.670	core	broken core
Big Easy	BE-12-09				152.00	153.00	BE-12-09.153	Muscovite	1.000	NULL	NULL	55.811	core	
Big Easy	BE-12-09				153.00	154.00	BE-12-09.154	Phengiticllite	0.564	Montmorillonite	0.436	53.753	core	
Big Easy	BE-12-09				154.00	155.00	BE-12-09.155	Aspectral	1.000	NULL	NULL	75.687	core	
Big Easy	BE-12-09				155.00	156.00	BE-12-09.156	Chlorite-FeMg	0.538	Phengite	0.462	32.324	core	
Big Easy	BE-12-09	39	155.1	159.5	156.00	157.00	BE-12-09.157	Aspectral	1.000	NULL	NULL	56.926	core	
Big Easy	BE-12-09				157.00	158.00	BE-12-09.158	Chlorite-Mg	0.640	Phengite	0.360	40.940	core	
Big Easy	BE-12-09				158.00	159.00	BE-12-09.159	Chlorite-FeMg	0.719	Muscovite	0.281	14.250	core	
Big Easy	BE-12-09				159.00	159.50	BE-12-09.160	Chlorite-Mg	0.823	Phengiticllite	0.177	58.916	core	
Big Easy	BE-12-09	40	159.5	163.9	159.50	159.90	BE-12-09.161	Chlorite-FeMg	1.000	NULL	NULL	83.866	core	margin of dyke
Big Easy	BE-12-09	41	163.9	168.1	164.20	165.00	BE-12-09.162	Chlorite-FeMg	0.770	Ankerite	0.230	57.234	core	margin of dyke
Big Easy	BE-12-09				165.00	166.00	BE-12-09.164	Chlorite-FeMg	1.000	NULL	NULL	101.26	core	
Big Easy	BE-12-09				166.00	167.00	BE-12-09.165	Chlorite-FeMg	0.792	Calcite	0.208	59.566	core	network-style breccia
Big Easy	BE-12-09				167.00	168.00	BE-12-09.166	Chlorite-FeMg	1.000	NULL	NULL	61.697	core	
Big Easy	BE-12-09				168.00	169.00	BE-12-09.167	Chlorite-Mg	1.000	NULL	NULL	34.591	core	
Big Easy	BE-12-09	42	168.1	172.4	169.00	170.00	BE-12-09.168	Chlorite-Mg	1.000	NULL	NULL	197.43	core	
Big Easy	BE-12-09				170.00	171.00	BE-12-09.169	Chlorite-FeMg	0.540	Siderite	0.460	26.456	core	
Big Easy	BE-12-09				171.00	172.00	BE-12-09.170	Siderite	1.000	NULL	NULL	31.963	core	
Big Easy	BE-12-09				172.00	173.00	BE-12-09.171	Aspectral	1.000	NULL	NULL	50.421	core	
Big Easy	BE-12-09	43	172.4	176.7	173.00	174.00	BE-12-09.172	Chlorite-FeMg	1.000	NULL	NULL	32.107	core	
Big Easy	BE-12-09				174.00	175.00	BE-12-09.173	Calcite	0.541	Phengite	0.459	38.944	core	
Big Easy	BE-12-09				175.00	176.00	BE-12-09.174	Calcite	0.652	Phengite	0.348	30.654	core	
Big Easy	BE-12-09				176.00	177.00	BE-12-09.175	Siderite	0.625	Phengite	0.375	30.015	core	
Big Easy	BE-12-09	44	176.7	181	177.00	178.00	BE-12-09.176	Phengite	1.000	NULL	NULL	48.475	core	weakly broken core
Big Easy	BE-12-09				178.00	179.00	BE-12-09.177	Chlorite-FeMg	0.579	Phengite	0.421	66.126	core	weakly broken core; possible fault bx
Big Easy	BE-12-09				179.00	180.00	BE-12-09.178	Phengite	1.000	NULL	NULL	56.297	core	weakly broken core; at 179m block
Big Easy	BE-12-09				180.00	181.00	BE-12-09.179	Phengite	0.524	Siderite	0.476	15.212	core	weakly broken core
Big Easy	BE-12-09				181.00	182.00	BE-12-09.180	Siderite	0.562	Phengite	0.438	186.45	core	weakly broken core; possible fault bx, very end of box
Big Easy	BE-12-09	45	181	185	182.00	183.00	BE-12-09.181	Chlorite-FeMg	0.652	Phengite	0.348	72.710	core	
Big Easy	BE-12-09				183.00	184.00	BE-12-09.182	Phengite	1.000	NULL	NULL	76.872	core	
Big Easy	BE-12-09				184.00	185.00	BE-12-09.183	Phengite	0.577	Siderite	0.423	17.531	core	
Big Easy	BE-12-09				185.00	186.00	BE-12-09.184	Chlorite-FeMg	0.619	Phengite	0.381	32.294	core	
Big Easy	BE-12-09	46	185	189.4	186.00	187.00	BE-12-09.185	Phengiticllite	1.000	NULL	NULL	139.90	core	brecciated vein
Big Easy	BE-12-09				187.00	188.00	BE-12-09.186	Phengite	1.000	NULL	NULL	74.176	core	
Big Easy	BE-12-09				188.00	189.00	BE-12-09.187	Chlorite-FeMg	0.678	Phengite	0.322	65.744	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Big Easy	BE-12-09				189.00	190.00	BE-12-09.188	Chlorite-FeMg	0.724	Phengite	0.276	87.142	core	white clay in fracture
Big Easy	BE-12-09	47	189.4	193.7	190.00	191.00	BE-12-09.189	Chlorite-FeMg	0.759	Phengite	0.241	80.718	core	
Big Easy	BE-12-09				191.00	192.00	BE-12-09.190	Chlorite-FeMg	0.825	Phengite	0.175	78.901	core	
Big Easy	BE-12-09				192.00	192.50	BE-12-09.191	Chlorite-Fe	1.000	NULL	NULL	198.11	core	marginal to mafic dyke
Big Easy	BE-12-09	54	219.3	223.8	219.50	221.00	BE-12-09.192	Chlorite-FeMg	1.000	NULL	NULL	131.92	core	network style breccia
Big Easy	BE-12-09				221.00	221.50	BE-12-09.193	Chlorite-FeMg	0.726	Calcite	0.274	54.928	core	pale white network style fractures
Big Easy	BE-12-09				221.50	222.00	BE-12-09.194	Chlorite-FeMg	0.839	Ankerite	0.161	83.400	core	network style breccia; EOH BE-12-09
Hickey's Pond	HP-83-01	1	12.2	18	12.50	13.70	HP-83-0100000	Phengite	0.785	Ankerite	0.215	101.37	core	
Hickey's Pond	HP-83-01				13.70	14.60	HP-83-0100001	Phengite	1.000	NULL	NULL	104.56	core	
Hickey's Pond	HP-83-01				14.60	15.24	HP-83-0100002	Chlorite-FeMg	1.000	NULL	NULL	135.98	core	
Hickey's Pond	HP-83-01				15.24	16.20	HP-83-0100003	Epidote	0.604	Phengite	0.396	140.05	core	
Hickey's Pond	HP-83-01				16.20	17.20	HP-83-0100004	Chlorite-FeMg	0.717	Epidote	0.283	97.996	core	
Hickey's Pond	HP-83-01				17.20	18.00	HP-83-0100005	Phengite	0.691	Chlorite-FeMg	0.309	126.75	core	
Hickey's Pond	HP-83-01	2	18		18.00	19.00	HP-83-0100006	Phengite	0.806	Ankerite	0.194	61.940	core	
Hickey's Pond	HP-83-01				19.00	20.00	HP-83-0100007	Phengite	0.800	Epidote	0.200	93.665	core	
Hickey's Pond	HP-83-01				20.00	21.33	HP-83-0100008	Chlorite-FeMg	0.661	Phengite	0.339	188.74	core	
Hickey's Pond	HP-83-01				21.33	22.30	HP-83-0100009	Phengite	0.810	Ankerite	0.190	102.85	core	
Hickey's Pond	HP-83-01				22.30	23.30	HP-83-0100010	Phengite	0.781	Epidote	0.219	103.49	core	
Hickey's Pond	HP-83-01				23.30	24.30	HP-83-0100011	Phengite	0.721	Epidote	0.279	117.83	core	
Hickey's Pond	HP-83-01	3		30.7	24.30	25.30	HP-83-0100012	Phengite	0.837	Epidote	0.163	86.214	core	
Hickey's Pond	HP-83-01				25.30	26.30	HP-83-0100013	Phengite	0.725	Epidote	0.275	143.07	core	
Hickey's Pond	HP-83-01				26.30	27.43	HP-83-0100014	Phengite	1.000	NULL	NULL	102.37	core	
Hickey's Pond	HP-83-01				27.43	28.50	HP-83-0100015	Phengiticllite	0.828	Epidote	0.172	103.06	core	
Hickey's Pond	HP-83-01				28.50	29.50	HP-83-0100016	Chlorite-FeMg	0.507	Phengiticllite	0.493	97.469	core	
Hickey's Pond	HP-83-01				29.50	30.50	HP-83-0100017	Chlorite-FeMg	0.595	Paragoniticllite	0.405	82.513	core	
Hickey's Pond	HP-83-01				30.50	31.50	HP-83-0100018	Kaolinite-WX	0.526	Paragoniticllite	0.474	129.05	core	
Hickey's Pond	HP-83-01	4	30.7	39	31.50	32.50	HP-83-0100019	Muscovite	1.000	NULL	NULL	247.05	core	
Hickey's Pond	HP-83-01				32.50	33.52	HP-83-0100020	Muscovite	0.545	Chlorite-FeMg	0.455	57.093	core	
Hickey's Pond	HP-83-01				33.52	34.50	HP-83-0100021	Paragoniticllite	0.659	Chlorite-FeMg	0.341	53.319	core	
Hickey's Pond	HP-83-01				34.50	35.50	HP-83-0100022	Muscovite	1.000	NULL	NULL	61.322	core	
Hickey's Pond	HP-83-01				35.50	36.50	HP-83-0100023	Muscovite	1.000	NULL	NULL	114.53	core	
Hickey's Pond	HP-83-01				36.50	37.50	HP-83-0100024	Muscovite	1.000	NULL	NULL	109.87	core	
Hickey's Pond	HP-83-01				37.50	38.50	HP-83-0100025	Paragonite	1.000	NULL	NULL	336.22	core	
Hickey's Pond	HP-83-01				38.50	39.50	HP-83-0100026	Paragonite	1.000	NULL	NULL	84.458	core	
Hickey's Pond	HP-83-01	5	39	50	39.50	40.50	HP-83-0100027	Paragonite	0.805	Montmorillonite	0.195	56.871	core	
Hickey's Pond	HP-83-01				40.50	41.50	HP-83-0100028	Paragonite	0.802	Montmorillonite	0.198	33.575	core	
Hickey's Pond	HP-83-01				41.50	42.67	HP-83-0100029	Muscoviticllite	0.816	Pyrophyllite	0.184	93.883	core	
Hickey's Pond	HP-83-01				42.67	43.70	HP-83-0100030	Paragonite	0.578	Pyrophyllite	0.422	189.73	core	
Hickey's Pond	HP-83-01				43.70	44.70	HP-83-0100031	Muscovite	1.000	NULL	NULL	85.843	core	
Hickey's Pond	HP-83-01				44.70	45.70	HP-83-0100032	Paragonite	0.684	Montmorillonite	0.316	175.54	core	
Hickey's Pond	HP-83-01				45.70	46.70	HP-83-0100033	Muscovite	1.000	NULL	NULL	120.12	core	
Hickey's Pond	HP-83-01				46.70	47.70	HP-83-0100034	Muscovite	0.582	Chlorite-Fe	0.418	290.90	core	
Hickey's Pond	HP-83-01				47.70	48.80	HP-83-0100035	Muscovite	1.000	NULL	NULL	172.84	core	
Hickey's Pond	HP-83-01				48.80	50.00	HP-83-0100036	Muscovite	1.000	NULL	NULL	35.295	core	
Hickey's Pond	HP-83-01	6	50	58.8	50.00	51.00	HP-83-0100037	Muscovite	1.000	NULL	NULL	105.77	core	
Hickey's Pond	HP-83-01				51.00	52.00	HP-83-0100038	Muscovite	1.000	NULL	NULL	33.441	core	
Hickey's Pond	HP-83-01				52.00	53.00	HP-83-0100039	Muscovite	1.000	NULL	NULL	65.731	core	
Hickey's Pond	HP-83-01				53.00	54.00	HP-83-0100040	Muscovite	1.000	NULL	NULL	112.71	core	
Hickey's Pond	HP-83-01				54.00	54.86	HP-83-0100041	Muscovite	1.000	NULL	NULL	104.12	core	
Hickey's Pond	HP-83-01				54.86	55.30	HP-83-0100042	Muscovite	1.000	NULL	NULL	250.39	core	
Hickey's Pond	HP-83-01				55.30	56.00	HP-83-0100043	Muscovite	1.000	NULL	NULL	70.305	core	
Hickey's Pond	HP-83-01				56.00	57.00	HP-83-0100044	Muscovite	1.000	NULL	NULL	117.24	core	
Hickey's Pond	HP-83-01				57.00	58.00	HP-83-0100045	Muscovite	1.000	NULL	NULL	104.13	core	
Hickey's Pond	HP-83-01				58.00	59.00	HP-83-0100046	Muscovite	0.609	Alunite-Na	0.391	17.781	core	
Hickey's Pond	HP-83-01	7	58.8	64.7	59.00	60.00	HP-83-0100047	Alunite-Na	1.000	NULL	NULL	79.546	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-83-01				60.00	60.96	HP-83-0100048	Muscovite	1.000	NULL	NULL	85.040	core	
Hickey's Pond	HP-83-01				60.96	62.00	HP-83-0100049	Alunite-Na	1.000	NULL	NULL	100.73	core	
Hickey's Pond	HP-83-01				62.00	63.00	HP-83-0100050	Alunite-Na	0.751	Phengite	0.249	19.829	core	
Hickey's Pond	HP-83-01				63.00	64.00	HP-83-0100051	Alunite-Na	0.780	Muscovite	0.220	37.142	core	
Hickey's Pond	HP-83-01				64.00	65.00	HP-83-0100052	Alunite-Na	0.749	Phengite	0.251	35.264	core	
Hickey's Pond	HP-83-01	8	64.7	70.7	65.00	66.00	HP-83-0100053	Muscovite	1.000	NULL	NULL	38.098	core	
Hickey's Pond	HP-83-01				66.00	67.05	HP-83-0100054	Paragonite	0.664	Montmorillonite	0.336	182.06	core	
Hickey's Pond	HP-83-01				67.05	68.00	HP-83-0100055	Muscovite	1.000	NULL	NULL	120.45	core	
Hickey's Pond	HP-83-01				68.00	69.00	HP-83-0100056	Muscovite	1.000	NULL	NULL	141.44	core	
Hickey's Pond	HP-83-01				69.00	70.00	HP-83-0100057	Muscovite	1.000	NULL	NULL	55.536	core	
Hickey's Pond	HP-83-01				70.00	71.00	HP-83-0100058	Paragonite	0.671	Montmorillonite	0.329	160.84	core	
Hickey's Pond	HP-83-01	9	70.7	76.7	71.00	72.00	HP-83-0100059	Alunite-Na	1.000	NULL	NULL	25.436	core	
Hickey's Pond	HP-83-01				72.00	73.15	HP-83-0100060	Alunite-Na	1.000	NULL	NULL	98.464	core	
Hickey's Pond	HP-83-01				73.15	74.20	HP-83-0100061	Alunite-Na	1.000	NULL	NULL	195.89	core	
Hickey's Pond	HP-83-01				74.20	75.20	HP-83-0100062	Alunite-Na	1.000	NULL	NULL	110.05	core	
Hickey's Pond	HP-83-01				75.20	76.20	HP-83-0100063	Alunite-Na	1.000	NULL	NULL	288.87	core	
Hickey's Pond	HP-83-01				76.20	77.20	HP-83-0100064	Alunite-Na	1.000	NULL	NULL	88.238	core	
Hickey's Pond	HP-83-01	10	76.7	88.4	77.20	78.20	HP-83-0100065	Alunite-Na	1.000	NULL	NULL	129.70	core	
Hickey's Pond	HP-83-01				78.20	79.24	HP-83-0100066	Alunite-K	1.000	NULL	NULL	124.67	core	
Hickey's Pond	HP-83-01				79.24	80.00	HP-83-0100067	Alunite-Na	1.000	NULL	NULL	52.363	core	
Hickey's Pond	HP-83-01				80.00	81.00	HP-83-0100068	Alunite-Na	1.000	NULL	NULL	39.858	core	
Hickey's Pond	HP-83-01				81.00	82.30	HP-83-0100069	Paragonite	0.721	Kaolinite-PX	0.279	112.12	core	
Hickey's Pond	HP-83-01				82.30	83.30	HP-83-0100070	Paragonite	0.726	Pyrophyllite	0.274	197.27	core	
Hickey's Pond	HP-83-01				83.30	84.30	HP-83-0100071	Muscoviticllite	0.701	Montmorillonite	0.299	61.743	core	
Hickey's Pond	HP-83-01				84.30	85.30	HP-83-0100072	Paragonite	0.819	Kaolinite-PX	0.181	49.355	core	
Hickey's Pond	HP-83-01				85.30	86.30	HP-83-0100073	Muscoviticllite	0.773	Montmorillonite	0.227	30.418	core	
Hickey's Pond	HP-83-01				86.30	87.30	HP-83-0100074	Paragonite	0.785	Kaolinite-PX	0.215	66.258	core	
Hickey's Pond	HP-83-01				87.30	88.40	HP-83-0100075	Paragonite	0.551	Chlorite-Mg	0.449	151.33	core	
Hickey's Pond	HP-83-01				88.40	90.00	HP-83-0100076	Paragonite	0.665	Chlorite-Mg	0.335	93.074	core	
Hickey's Pond	HP-83-01	11	88.4	97.5	90.00	92.00	HP-83-0100077	Muscoviticllite	0.838	Montmorillonite	0.162	81.099	core	
Hickey's Pond	HP-83-01				92.00	93.90	HP-83-0100078	Muscovite	0.768	Pyrophyllite	0.232	194.51	core	
Hickey's Pond	HP-83-01				93.90	94.80	HP-83-0100079	Pyrophyllite	0.542	Muscovite	0.458	96.483	core	
Hickey's Pond	HP-83-01				94.80	95.70	HP-83-0100080	Muscovite	0.702	Pyrophyllite	0.298	42.596	core	
Hickey's Pond	HP-83-01				95.70	96.60	HP-83-0100081	Pyrophyllite	0.570	Muscovite	0.430	70.024	core	
Hickey's Pond	HP-83-01				96.60	97.50	HP-83-0100082	Paragonite	0.736	Montmorillonite	0.264	84.753	core	
Hickey's Pond	HP-83-01				97.50	98.60	HP-83-0100083	Paragonite	0.729	Montmorillonite	0.271	95.511	core	
Hickey's Pond	HP-83-01	12	97.5	99.7	98.60	99.66	HP-83-0100084	Paragonite	0.721	Montmorillonite	0.279	91.350	core	
Hickey's Pond	HP-83-01				99.66	99.70	HP-83-0100085	Paragonite	0.702	Montmorillonite	0.298	93.897	core	EOH
Hickey's Pond	HP-83-02	1	5.9	12	6.00	7	HP-83-0200001	Muscovite	1.000	NULL	NULL	88.687	core	
Hickey's Pond	HP-83-02				7.00	8	HP-83-0200002	Paragonite	1.000	NULL	NULL	22.125	core	
Hickey's Pond	HP-83-02				8.00	9.1	HP-83-0200003	Alunite-Na	1.000	NULL	NULL	105.78	core	
Hickey's Pond	HP-83-02				9.10	10.1	HP-83-0200004	Alunite-Na	1.000	NULL	NULL	196.60	core	
Hickey's Pond	HP-83-02				10.10	11.1	HP-83-0200005	Alunite-Na	0.753	Muscovite	0.247	36.504	core	
Hickey's Pond	HP-83-02				11.10	12	HP-83-0200006	Alunite-Na	1.000	NULL	NULL	94.168	core	
Hickey's Pond	HP-83-02				12.00	13	HP-83-0200007	Alunite-Na	1.000	NULL	NULL	205.41	core	
Hickey's Pond	HP-83-02	2	12	18	13.00	14	HP-83-0200008	Alunite-Na	0.619	Kaolinite-PX	0.381	22.418	core	
Hickey's Pond	HP-83-02				14.00	15.2	HP-83-0200009	Alunite-Na	1.000	NULL	NULL	207.84	core	
Hickey's Pond	HP-83-02				15.20	16.2	HP-83-0200010	Alunite-Na	1.000	NULL	NULL	172.63	core	
Hickey's Pond	HP-83-02				16.20	17.2	HP-83-0200011	Alunite-Na	0.627	Kaolinite-WX	0.373	20.069	core	
Hickey's Pond	HP-83-02				17.20	18.3	HP-83-0200012	Alunite-Na	1.000	NULL	NULL	327.18	core	
Hickey's Pond	HP-83-02	3	18	24/bl	18.30	19.3	HP-83-0200013	Alunite-Na	1.000	NULL	NULL	51.579	core	
Hickey's Pond	HP-83-02				19.30	20.3	HP-83-0200014	Alunite-Na	1.000	NULL	NULL	61.638	core	
Hickey's Pond	HP-83-02				20.30	21.3	HP-83-0200015	Alunite-Na	0.751	Muscovite	0.249	30.103	core	
Hickey's Pond	HP-83-02				21.30	22.3	HP-83-0200016	Alunite-Na	1.000	NULL	NULL	167.93	core	
Hickey's Pond	HP-83-02				22.30	23.3	HP-83-0200017	Alunite-Na	1.000	NULL	NULL	190.86	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-83-02				23.30	24.4	HP-83-0200018	Alunite-Na	1.000	NULL	NULL	92.042	core	
Hickey's Pond	HP-83-02	4	24	30.5/bl	24.40	25.4	HP-83-0200019	Alunite-Na	0.695	Muscovite	0.305	26.788	core	
Hickey's Pond	HP-83-02				25.40	26.4	HP-83-0200020	Alunite-Na	1.000	NULL	NULL	39.553	core	
Hickey's Pond	HP-83-02				26.40	27.4	HP-83-0200021	Alunite-Na	1.000	NULL	NULL	82.000	core	
Hickey's Pond	HP-83-02				27.40	28.4	HP-83-0200022	Muscovite	1.000	NULL	NULL	292.86	core	
Hickey's Pond	HP-83-02				28.40	29.4	HP-83-0200023	Muscovite	0.658	Pyrophyllite	0.342	33.620	core	
Hickey's Pond	HP-83-02				29.40	30.4	HP-83-0200024	Alunite-Na	0.811	Phengite	0.189	22.814	core	
Hickey's Pond	HP-83-02				30.40	31.4	HP-83-0200025	Alunite-Na	0.810	Phengite	0.190	27.612	core	
Hickey's Pond	HP-83-02	5	30.5	36.5	31.40	32.4	HP-83-0200026	Muscovite	1.000	NULL	NULL	243.51	core	
Hickey's Pond	HP-83-02				32.40	33.5	HP-83-0200027	Muscovite	1.000	NULL	NULL	270.96	core	
Hickey's Pond	HP-83-02				33.50	34.5	HP-83-0200028	Alunite-Na	0.660	Kaolinite-WX	0.340	47.433	core	
Hickey's Pond	HP-83-02				34.50	35.5	HP-83-0200029	Alunite-Na	1.000	NULL	NULL	146.95	core	
Hickey's Pond	HP-83-02				35.50	36.5	HP-83-0200030	Muscovite	0.772	Alunite-Na	0.228	125.85	core	
Hickey's Pond	HP-83-02				36.50	37.5	HP-83-0200031	Alunite-Na	0.535	Muscovite	0.465	50.512	core	
Hickey's Pond	HP-83-02	6	36.5	42.5	37.50	38.5	HP-83-0200032	Alunite-Na	1.000	NULL	NULL	28.103	core	
Hickey's Pond	HP-83-02				38.50	39.5	HP-83-0200033	Alunite-Na	0.762	Dickite	0.238	24.878	core	
Hickey's Pond	HP-83-02				39.50	40.5	HP-83-0200034	Alunite-Na	0.575	Muscovite	0.425	70.722	core	
Hickey's Pond	HP-83-02				40.50	41.5	HP-83-0200035	Alunite-Na	1.000	NULL	NULL	245.28	core	
Hickey's Pond	HP-83-02				41.50	42.5	HP-83-0200036	Muscovite	1.000	NULL	NULL	79.517	core	
Hickey's Pond	HP-83-02				42.50	43.5	HP-83-0200037	Alunite-Na	1.000	NULL	NULL	70.965	core	
Hickey's Pond	HP-83-02	7	42.5	48.5	43.50	44.5	HP-83-0200038	Alunite-Na	0.810	Muscovite	0.190	88.813	core	
Hickey's Pond	HP-83-02				44.50	45.5	HP-83-0200039	Alunite-Na	0.774	Muscovite	0.226	53.260	core	
Hickey's Pond	HP-83-02				45.50	46.5	HP-83-0200040	Alunite-Na	1.000	NULL	NULL	31.810	core	
Hickey's Pond	HP-83-02				46.50	47.5	HP-83-0200041	Alunite-Na	1.000	NULL	NULL	25.415	core	
Hickey's Pond	HP-83-02				47.50	48.5	HP-83-0200042	Alunite-K	1.000	NULL	NULL	120.38	core	
Hickey's Pond	HP-83-02				48.50	49.5	HP-83-0200043	Alunite-K	1.000	NULL	NULL	118.01	core	
Hickey's Pond	HP-83-02	8	48.5	54.5	49.50	50.5	HP-83-0200044	Alunite-K	1.000	NULL	NULL	375.60	core	
Hickey's Pond	HP-83-02				50.50	51.5	HP-83-0200045	Alunite-K	1.000	NULL	NULL	151.16	core	
Hickey's Pond	HP-83-02				51.50	52.5	HP-83-0200046	Alunite-K	1.000	NULL	NULL	103.14	core	
Hickey's Pond	HP-83-02				52.50	53.5	HP-83-0200047	Alunite-K	1.000	NULL	NULL	47.357	core	
Hickey's Pond	HP-83-02				53.50	54.6	HP-83-0200048	Alunite-K	1.000	NULL	NULL	221.97	core	
Hickey's Pond	HP-83-02	9	54.5	60.2/bl	54.60	55.6	HP-83-0200049	Alunite-K	1.000	NULL	NULL	82.471	core	
Hickey's Pond	HP-83-02				55.60	56.75	HP-83-0200050	Alunite-K	1.000	NULL	NULL	117.11	core	
Hickey's Pond	HP-83-02				56.75	57.9	HP-83-0200051	Alunite-K	1.000	NULL	NULL	106.93	core	
Hickey's Pond	HP-83-02				57.90	58.9	HP-83-0200052	Alunite-K	1.000	NULL	NULL	103.52	core	
Hickey's Pond	HP-83-02				58.90	59.9	HP-83-0200053	Alunite-Na	1.000	NULL	NULL	163.69	core	
Hickey's Pond	HP-83-02				59.90	60.9	HP-83-0200054	Alunite-Na	1.000	NULL	NULL	134.25	core	
Hickey's Pond	HP-83-02	10	60.2	66.3/bl	60.90	61.9	HP-83-0200055	Alunite-Na	1.000	NULL	NULL	74.382	core	
Hickey's Pond	HP-83-02				61.90	62.9	HP-83-0200056	Alunite-Na	1.000	NULL	NULL	105.61	core	
Hickey's Pond	HP-83-02				62.90	64	HP-83-0200057	Paragonite	0.722	Montmorillonite	0.278	178.55	core	
Hickey's Pond	HP-83-02				64.00	65	HP-83-0200058	Alunite-Na	0.849	Phengite	0.151	45.525	core	
Hickey's Pond	HP-83-02				65.00	66	HP-83-0200059	Paragonite	0.685	Montmorillonite	0.315	184.25	core	
Hickey's Pond	HP-83-02				66.00	67	HP-83-0200060	Alunite-Na	1.000	NULL	NULL	95.684	core	
Hickey's Pond	HP-83-02	11	66.3	74/bl	67.00	68	HP-83-0200061	Paragonite	0.691	Alunite-Na	0.309	240.48	core	
Hickey's Pond	HP-83-02				68.00	69	HP-83-0200062	Alunite-Na	0.694	Muscovite	0.306	232.87	core	
Hickey's Pond	HP-83-02				69.00	70.1	HP-83-0200063	Alunite-Na	1.000	NULL	NULL	291.13	core	
Hickey's Pond	HP-83-02				70.10	71.2	HP-83-0200064	Pyrophyllite	1.000	NULL	NULL	106.69	core	
Hickey's Pond	HP-83-02				71.20	72.2	HP-83-0200065	Alunite-Na	0.510	Dickite	0.490	213.51	core	
Hickey's Pond	HP-83-02				72.20	73.2	HP-83-0200066	Muscovite	1.000	NULL	NULL	120.52	core	
Hickey's Pond	HP-83-02				73.20	74.2	HP-83-0200067	Pyrophyllite	0.779	Kaolinite-PX	0.221	74.267	core	
Hickey's Pond	HP-83-02	12	74	81.9	74.20	75.2	HP-83-0200068	Muscovite	1.000	NULL	NULL	296.37	core	
Hickey's Pond	HP-83-02				75.20	76.2	HP-83-0200069	Muscovite	1.000	NULL	NULL	198.45	core	
Hickey's Pond	HP-83-02				76.20	77.2	HP-83-0200070	Muscovite	1.000	NULL	NULL	103.60	core	
Hickey's Pond	HP-83-02				77.20	78.2	HP-83-0200071	Phengite	1.000	NULL	NULL	175.39	core	
Hickey's Pond	HP-83-02				78.20	79.2	HP-83-0200072	Phengite	0.821	Chlorite-FeMg	0.179	92.993	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-83-02				79.20	80.2	HP-83-0200073	Phengite	0.780	Chlorite-FeMg	0.220	87.772	core	
Hickey's Pond	HP-83-02				80.20	81.2	HP-83-0200074	Phengite	0.652	Kaolinite-WX	0.348	131.08	core	
Hickey's Pond	HP-83-02				81.20	82.2	HP-83-0200075	Phengite	1.000	NULL	NULL	95.515	core	
Hickey's Pond	HP-83-02	13	81.9	100.5	82.20	83.3	HP-83-0200076	Phengite	1.000	NULL	NULL	74.702	core	
Hickey's Pond	HP-83-02				83.30	85.3	HP-83-0200077	Phengite	1.000	NULL	NULL	215.94	core	
Hickey's Pond	HP-83-02				85.30	87.3	HP-83-0200078	Kaolinite-WX	0.617	Phengite	0.383	92.798	core	
Hickey's Pond	HP-83-02				87.30	90.3	HP-83-0200079	Chlorite-FeMg	0.649	Kaolinite-PX	0.351	131.41	core	
Hickey's Pond	HP-83-02				90.30	93.3	HP-83-0200080	Chlorite-FeMg	0.768	Kaolinite-WX	0.232	53.166	core	
Hickey's Pond	HP-83-02				93.30	96.5	HP-83-0200081	Kaolinite-WX	0.668	Phengite	0.332	111.42	core	
Hickey's Pond	HP-83-02				96.50	99.5	HP-83-0200082	Phengite	0.597	Kaolinite-WX	0.403	70.100	core	
Hickey's Pond	HP-83-02				99.50	100	HP-83-0200083	Muscovite	0.686	Chlorite-FeMg	0.314	200.26	core	
Hickey's Pond	HP-83-02				100.00	100.5	HP-83-0200084	Phengite	1.000	NULL	NULL	150.63	core	
Hickey's Pond	HP-90-02	1	7.5	16.5	7.50	8.50	HP-90-0200001	Muscovite	1.000	NULL	NULL	96.890	core	
Hickey's Pond	HP-90-02				8.50	9.50	HP-90-0200002	Muscovite	1.000	NULL	NULL	113.06	core	
Hickey's Pond	HP-90-02				9.50	10.50	HP-90-0200003	Muscovite	0.509	Chlorite-Fe	0.491	249.02	core	
Hickey's Pond	HP-90-02				10.50	11.60	HP-90-0200004	Chlorite-FeMg	0.621	Muscovite	0.379	223.40	core	
Hickey's Pond	HP-90-02				11.60	12.60	HP-90-0200005	Muscovite	0.505	Chlorite-FeMg	0.495	176.27	core	
Hickey's Pond	HP-90-02				12.60	13.60	HP-90-0200006	Muscovite	0.790	Kaolinite-WX	0.210	56.728	core	
Hickey's Pond	HP-90-02				13.60	14.60	HP-90-0200007	Chlorite-Fe	0.651	Muscovite	0.349	184.82	core	
Hickey's Pond	HP-90-02				14.60	15.60	HP-90-0200008	Chlorite-FeMg	0.745	Muscovite	0.255	174.21	core	
Hickey's Pond	HP-90-02				15.60	16.60	HP-90-0200009	Muscovite	0.602	Chlorite-FeMg	0.398	113.99	core	
Hickey's Pond	HP-90-02	2	16.5	26.8	16.60	17.70	HP-90-0200010	Muscovite	0.694	Chlorite-Fe	0.306	96.021	core	
Hickey's Pond	HP-90-02				17.70	18.70	HP-90-0200011	Muscovite	1.000	NULL	NULL	118.50	core	
Hickey's Pond	HP-90-02				18.70	19.70	HP-90-0200012	Muscovite	1.000	NULL	NULL	100.03	core	
Hickey's Pond	HP-90-02				19.70	20.70	HP-90-0200013	Muscovite	1.000	NULL	NULL	104.99	core	
Hickey's Pond	HP-90-02				20.70	21.70	HP-90-0200014	Muscovite	1.000	NULL	NULL	111.68	core	
Hickey's Pond	HP-90-02				21.70	22.70	HP-90-0200015	Muscovite	0.572	Chlorite-FeMg	0.428	154.60	core	
Hickey's Pond	HP-90-02				22.70	23.80	HP-90-0200016	Chlorite-FeMg	0.625	Muscovite	0.375	190.85	core	
Hickey's Pond	HP-90-02				23.80	24.80	HP-90-0200017	Muscovite	0.655	Kaolinite-WX	0.345	78.683	core	
Hickey's Pond	HP-90-02				24.80	25.80	HP-90-0200018	Muscovite	1.000	NULL	NULL	118.26	core	
Hickey's Pond	HP-90-02				25.80	26.90	HP-90-0200019	Muscovite	0.765	Kaolinite-WX	0.235	89.908	core	
Hickey's Pond	HP-90-02	3	26.8	39.5	26.90	27.90	HP-90-0200020	Chlorite-FeMg	0.667	Muscovite	0.333	74.422	core	
Hickey's Pond	HP-90-02				27.90	28.90	HP-90-0200021	Chlorite-FeMg	0.666	Muscovite	0.334	158.98	core	
Hickey's Pond	HP-90-02				28.90	29.90	HP-90-0200022	Muscovite	0.836	Kaolinite-PX	0.164	30.934	core	
Hickey's Pond	HP-90-02				29.90	30.90	HP-90-0200023	Muscovite	0.736	Kaolinite-PX	0.264	103.59	core	
Hickey's Pond	HP-90-02				30.90	31.90	HP-90-0200024	Muscovite	0.815	Dickite	0.185	114.27	core	
Hickey's Pond	HP-90-02				31.90	32.90	HP-90-0200025	Muscovite	1.000	NULL	NULL	139.14	core	
Hickey's Pond	HP-90-02				32.90	33.90	HP-90-0200026	Muscovite	0.846	Dickite	0.154	142.13	core	
Hickey's Pond	HP-90-02				33.90	34.90	HP-90-0200027	Muscovite	1.000	NULL	NULL	194.86	core	
Hickey's Pond	HP-90-02				34.90	35.96	HP-90-0200028	Muscovite	1.000	NULL	NULL	71.933	core	
Hickey's Pond	HP-90-02				35.96	37.20	HP-90-0200029	Muscovite	0.519	Chlorite-FeMg	0.481	33.922	core	
Hickey's Pond	HP-90-02				37.20	39.00	HP-90-0200030	Muscovite	0.532	Kaolinite-WX	0.468	78.043	core	
Hickey's Pond	HP-90-02				39.00	40.00	HP-90-0200032	Muscovite	0.545	Chlorite-FeMg	0.455	182.77	core	
Hickey's Pond	HP-90-02	4	39.5	51.2	40.00	41.00	HP-90-0200033	Muscovite	0.700	Kaolinite-PX	0.300	63.909	core	
Hickey's Pond	HP-90-02				41.00	42.00	HP-90-0200034	Chlorite-FeMg	0.556	Kaolinite-PX	0.444	68.319	core	
Hickey's Pond	HP-90-02				42.00	43.00	HP-90-0200035	Muscovite	0.590	Kaolinite-WX	0.410	41.297	core	
Hickey's Pond	HP-90-02				43.00	44.00	HP-90-0200036	Muscovite	0.683	Kaolinite-WX	0.317	43.505	core	
Hickey's Pond	HP-90-02				44.00	45.10	HP-90-0200037	Muscovite	0.644	Kaolinite-WX	0.356	47.453	core	
Hickey's Pond	HP-90-02				45.10	46.10	HP-90-0200038	Paragonite	0.622	Kaolinite-PX	0.378	71.126	core	
Hickey's Pond	HP-90-02				46.10	47.10	HP-90-0200039	Paragonite	0.625	Montmorillonite	0.375	175.04	core	
Hickey's Pond	HP-90-02				47.10	48.20	HP-90-0200040	Muscovite	1.000	NULL	NULL	156.38	core	
Hickey's Pond	HP-90-02				48.20	49.20	HP-90-0200041	Muscovite	1.000	NULL	NULL	69.237	core	
Hickey's Pond	HP-90-02				49.20	50.20	HP-90-0200042	Paragonite	0.593	Montmorillonite	0.407	184.14	core	
Hickey's Pond	HP-90-02				50.20	51.20	HP-90-0200043	Paragonite	0.615	Montmorillonite	0.385	163.97	core	
Hickey's Pond	HP-90-02	5	51.2	57.3	51.20	52.20	HP-90-0200044	Muscovite	1.000	NULL	NULL	95.397	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-90-02				52.20	53.20	HP-90-0200045	Muscovite	1.000	NULL	NULL	140.49	core	
Hickey's Pond	HP-90-02				53.20	54.30	HP-90-0200046	Muscovite	1.000	NULL	NULL	102.92	core	
Hickey's Pond	HP-90-02				54.30	55.30	HP-90-0200047	Muscovite	0.818	Kaolinite-PX	0.182	100.10	core	
Hickey's Pond	HP-90-02				55.30	56.30	HP-90-0200048	Muscovite	1.000	NULL	NULL	107.57	core	
Hickey's Pond	HP-90-02				56.30	57.30	HP-90-0200049	Muscovite	1.000	NULL	NULL	79.457	core	
Hickey's Pond	HP-90-02				57.30	58.30	HP-90-0200050	Muscovite	0.581	Chlorite-FeMg	0.419	197.62	core	
Hickey's Pond	HP-90-02	6	57.3	65.5	58.30	59.30	HP-90-0200051	Muscovite	0.656	Chlorite-FeMg	0.344	107.39	core	
Hickey's Pond	HP-90-02				59.30	60.35	HP-90-0200052	Muscovite	1.000	NULL	NULL	118.10	core	
Hickey's Pond	HP-90-02				60.35	61.30	HP-90-0200053	Muscovite	1.000	NULL	NULL	185.30	core	
Hickey's Pond	HP-90-02				61.30	62.30	HP-90-0200054	Muscovite	1.000	NULL	NULL	163.64	core	
Hickey's Pond	HP-90-02				62.30	63.40	HP-90-0200055	Muscovite	1.000	NULL	NULL	149.65	core	
Hickey's Pond	HP-90-02				63.40	64.40	HP-90-0200056	Muscovite	0.812	Kaolinite-PX	0.188	144.58	core	
Hickey's Pond	HP-90-02				64.40	65.40	HP-90-0200057	Chlorite-FeMg	0.741	Muscovite	0.259	185.70	core	
Hickey's Pond	HP-90-02				65.40	66.45	HP-90-0200058	Chlorite-FeMg	0.512	Muscovite	0.488	186.02	core	
Hickey's Pond	HP-90-02	7	65.5	73.2bl	66.45	67.40	HP-90-0200059	Muscovite	1.000	NULL	NULL	137.13	core	
Hickey's Pond	HP-90-02				67.40	68.40	HP-90-0200060	Muscovite	1.000	NULL	NULL	126.07	core	
Hickey's Pond	HP-90-02				68.40	69.50	HP-90-0200061	Paragonite	0.552	Kaolinite-PX	0.448	153.79	core	
Hickey's Pond	HP-90-02				69.50	70.50	HP-90-0200062	Muscovite	0.530	Chlorite-FeMg	0.470	203.15	core	
Hickey's Pond	HP-90-02				70.50	71.50	HP-90-0200063	Muscovite	1.000	NULL	NULL	167.03	core	
Hickey's Pond	HP-90-02				71.50	72.50	HP-90-0200064	Muscovite	1.000	NULL	NULL	207.30	core	
Hickey's Pond	HP-90-02				72.50	73.50	HP-90-0200065	Paragonite	1.000	NULL	NULL	473.76	core	
Hickey's Pond	HP-90-02	8	73.2	86.9	73.50	74.50	HP-90-0200066	Muscovite	1.000	NULL	NULL	30.613	core	
Hickey's Pond	HP-90-02				74.50	75.60	HP-90-0200067	Paragonite	1.000	NULL	NULL	36.040	core	
Hickey's Pond	HP-90-02				75.60	76.60	HP-90-0200068	Paragonite	1.000	NULL	NULL	24.518	core	
Hickey's Pond	HP-90-02				76.60	77.60	HP-90-0200069	Muscovite	1.000	NULL	NULL	145.28	core	
Hickey's Pond	HP-90-02				77.60	78.60	HP-90-0200070	Muscovite	1.000	NULL	NULL	200.13	core	
Hickey's Pond	HP-90-02				78.60	79.60	HP-90-0200071	Paragonite	0.689	Montmorillonite	0.311	143.32	core	
Hickey's Pond	HP-90-02				79.60	80.60	HP-90-0200072	Muscovite	1.000	NULL	NULL	160.77	core	
Hickey's Pond	HP-90-02				80.60	81.70	HP-90-0200073	Muscovite	1.000	NULL	NULL	232.93	core	
Hickey's Pond	HP-90-02				81.70	82.70	HP-90-0200074	Paragonite	1.000	NULL	NULL	169.49	core	
Hickey's Pond	HP-90-02				82.70	83.70	HP-90-0200075	Pyrophyllite	1.000	NULL	NULL	131.69	core	
Hickey's Pond	HP-90-02				83.70	84.70	HP-90-0200076	Pyrophyllite	1.000	NULL	NULL	96.011	core	
Hickey's Pond	HP-90-02				84.70	85.70	HP-90-0200077	Muscovite	0.577	Pyrophyllite	0.423	53.323	core	
Hickey's Pond	HP-90-02				85.70	86.70	HP-90-0200078	Pyrophyllite	0.773	Kaolinite-PX	0.227	137.76	core	
Hickey's Pond	HP-90-02				86.70	87.80	HP-90-0200079	Muscovite	1.000	NULL	NULL	47.702	core	
Hickey's Pond	HP-90-02	9	86.9	94 bl	87.80	88.80	HP-90-0200080	Paragonite	0.661	Montmorillonite	0.339	174.19	core	
Hickey's Pond	HP-90-02				88.80	89.80	HP-90-0200081	Pyrophyllite	1.000	NULL	NULL	77.483	core	
Hickey's Pond	HP-90-02				89.80	90.80	HP-90-0200082	Muscovite	0.628	Pyrophyllite	0.372	47.603	core	
Hickey's Pond	HP-90-02				90.80	91.80	HP-90-0200083	Pyrophyllite	0.780	Muscovite	0.220	30.510	core	
Hickey's Pond	HP-90-02				91.80	92.80	HP-90-0200084	Pyrophyllite	0.706	Muscovite	0.294	48.618	core	
Hickey's Pond	HP-90-02				92.80	93.90	HP-90-0200085	Pyrophyllite	0.584	Muscovite	0.416	102.19	core	
Hickey's Pond	HP-90-02				93.90	94.90	HP-90-0200086	Pyrophyllite	0.689	Muscovite	0.311	68.924	core	
Hickey's Pond	HP-90-02	10	94	108	94.90	95.90	HP-90-0200087	Pyrophyllite	0.641	Muscovite	0.359	31.606	core	
Hickey's Pond	HP-90-02				95.90	96.90	HP-90-0200088	Muscovite	0.549	Pyrophyllite	0.451	76.338	core	
Hickey's Pond	HP-90-02				96.90	98.00	HP-90-0200089	Pyrophyllite	0.679	Muscovite	0.321	29.799	core	
Hickey's Pond	HP-90-02				98.00	99.00	HP-90-0200090	Pyrophyllite	0.815	Paragonite	0.185	83.558	core	
Hickey's Pond	HP-90-02				99.00	100.00	HP-90-0200091	Pyrophyllite	0.654	Muscovite	0.346	82.495	core	
Hickey's Pond	HP-90-02				100.00	101.00	HP-90-0200092	Paragonite	0.793	Kaolinite-PX	0.207	193.59	core	
Hickey's Pond	HP-90-02				101.00	102.00	HP-90-0200093	Pyrophyllite	1.000	NULL	NULL	41.502	core	
Hickey's Pond	HP-90-02				102.00	103.00	HP-90-0200094	Pyrophyllite	0.832	Muscovite	0.168	29.071	core	
Hickey's Pond	HP-90-02				103.00	104.00	HP-90-0200095	Pyrophyllite	0.660	Muscovite	0.340	128.08	core	
Hickey's Pond	HP-90-02				104.00	105.00	HP-90-0200096	Pyrophyllite	1.000	NULL	NULL	65.718	core	
Hickey's Pond	HP-90-02				105.00	106.10	HP-90-0200097	Pyrophyllite	0.661	Muscovite	0.339	86.375	core	
Hickey's Pond	HP-90-02				106.10	107.10	HP-90-0200098	Pyrophyllite	0.690	Paragonite	0.310	32.195	core	
Hickey's Pond	HP-90-02				107.10	108.10	HP-90-0200099	Paragonite	0.697	Montmorillonite	0.303	107.63	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-90-02	11	108	115.9	108.10	109.10	HP-90-0200100	Paragonite	0.699	Montmorillonite	0.301	148.07	core	
Hickey's Pond	HP-90-02				109.10	110.10	HP-90-0200101	Paragonite	0.719	Montmorillonite	0.281	95.578	core	
Hickey's Pond	HP-90-02				110.10	111.10	HP-90-0200102	Pyrophyllite	0.522	Muscovite	0.478	65.586	core	
Hickey's Pond	HP-90-02				111.10	112.20	HP-90-0200103	Paragonite	0.704	Montmorillonite	0.296	158.70	core	
Hickey's Pond	HP-90-02				112.20	113.20	HP-90-0200104	Paragonite	0.715	Montmorillonite	0.285	104.05	core	
Hickey's Pond	HP-90-02				113.20	114.20	HP-90-0200105	Paragonite	0.737	Montmorillonite	0.263	107.81	core	
Hickey's Pond	HP-90-02				114.20	115.20	HP-90-0200106	Paragonite	0.768	Kaolinite-PX	0.232	77.316	core	
Hickey's Pond	HP-90-02				115.20	115.80	HP-90-0200107	Muscovite	1.000	NULL	NULL	48.269	core	
Hickey's Pond	HP-90-02				115.80	115.90	HP-90-0200108	Muscovite	1.000	NULL	NULL	66.918	core	
Hickey's Pond	HP-90-02				115.90	116.20	HP-90-0200199	Paragonite	0.716	Montmorillonite	0.284	58.823	core	
Hickey's Pond	HP-90-02				116.20	117.30	HP-90-0200200	Muscovite	1.000	NULL	NULL	67.187	core	
Hickey's Pond	HP-90-02				117.30	118.10	HP-90-0200201	Paragonite	0.675	Kaolinite-PX	0.325	103.70	core	
Hickey's Pond	HP-90-02				118.10	119.00	HP-90-0200202	Paragonite	0.712	Kaolinite-PX	0.288	98.232	core	
Hickey's Pond	HP-90-02				119.00	120.30	HP-90-0200203	Paragonite	0.705	Montmorillonite	0.295	61.129	core	
Hickey's Pond	HP-90-02				120.30	121.20	HP-90-0200204	Paragonite	0.715	Montmorillonite	0.285	84.645	core	
Hickey's Pond	HP-90-02				121.20	122.40	HP-90-0200205	Paragonite	0.684	Montmorillonite	0.316	50.750	core	
Hickey's Pond	HP-90-02				122.40	124.40	HP-90-0200206	Paragonite	0.769	Montmorillonite	0.231	19.211	core	
Hickey's Pond	HP-90-02	13	124.5	134.7	124.50	125.50	HP-90-0200109	Paragonite	0.715	Montmorillonite	0.285	158.56	core	
Hickey's Pond	HP-90-02				125.50	126.50	HP-90-0200110	MuscoviticIllite	0.818	Kaolinite-PX	0.182	146.66	core	
Hickey's Pond	HP-90-02				126.50	127.40	HP-90-0200111	Muscovite	1.000	NULL	NULL	80.065	core	
Hickey's Pond	HP-90-02				127.40	128.40	HP-90-0200112	Muscovite	0.679	Pyrophyllite	0.321	225.45	core	
Hickey's Pond	HP-90-02				128.40	129.40	HP-90-0200113	Paragonite	0.721	Montmorillonite	0.279	68.100	core	
Hickey's Pond	HP-90-02				129.40	130.50	HP-90-0200114	Paragonite	0.716	Montmorillonite	0.284	80.776	core	
Hickey's Pond	HP-90-02				130.50	131.50	HP-90-0200115	Paragonite	0.738	Montmorillonite	0.262	115.51	core	
Hickey's Pond	HP-90-02				131.50	132.50	HP-90-0200116	Muscovite	0.595	Pyrophyllite	0.405	136.29	core	
Hickey's Pond	HP-90-02				132.50	133.50	HP-90-0200117	Pyrophyllite	0.515	Muscovite	0.485	132.44	core	
Hickey's Pond	HP-90-02				133.50	134.50	HP-90-0200118	Paragonite	0.764	Kaolinite-PX	0.236	104.89	core	
Hickey's Pond	HP-90-02				134.50	135.50	HP-90-0200119	Paragonite	0.722	Montmorillonite	0.278	119.43	core	
Hickey's Pond	HP-90-02	14	134.7	139.8	135.50	136.50	HP-90-0200120	Paragonite	0.734	Montmorillonite	0.266	65.585	core	
Hickey's Pond	HP-90-02				136.50	137.50	HP-90-0200121	Paragonite	0.752	Kaolinite-PX	0.248	92.577	core	
Hickey's Pond	HP-90-02				137.50	138.50	HP-90-0200122	Muscovite	0.711	Pyrophyllite	0.289	45.052	core	
Hickey's Pond	HP-90-02				138.50	139.60	HP-90-0200123	Paragonite	0.725	Montmorillonite	0.275	106.83	core	
Hickey's Pond	HP-90-02				139.60	140.60	HP-90-0200124	Paragonite	0.765	Kaolinite-PX	0.235	69.891	core	
Hickey's Pond	HP-90-02	15	139.8	145.2	140.60	141.60	HP-90-0200125	Paragonite	0.822	Pyrophyllite	0.178	37.433	core	
Hickey's Pond	HP-90-02				141.60	142.60	HP-90-0200126	Paragonite	0.777	Kaolinite-PX	0.223	63.411	core	
Hickey's Pond	HP-90-02				142.60	143.60	HP-90-0200127	Pyrophyllite	0.672	Paragonite	0.328	110.87	core	
Hickey's Pond	HP-90-02				143.60	144.60	HP-90-0200128	Paragonite	0.651	Pyrophyllite	0.349	138.40	core	
Hickey's Pond	HP-90-02				144.60	145.70	HP-90-0200129	Paragonite	0.568	Pyrophyllite	0.432	144.94	core	
Hickey's Pond	HP-90-02	16	145.2	150.6 bl	145.70	146.70	HP-90-0200130	Paragonite	0.792	Kaolinite-PX	0.208	58.756	core	
Hickey's Pond	HP-90-02				146.70	147.70	HP-90-0200131	Paragonite	0.699	Montmorillonite	0.301	93.233	core	
Hickey's Pond	HP-90-02				147.70	148.70	HP-90-0200132	Paragonite	0.705	Montmorillonite	0.295	62.500	core	
Hickey's Pond	HP-90-02				148.70	149.70	HP-90-0200133	Muscovite	1.000	NULL	NULL	126.74	core	
Hickey's Pond	HP-90-02				149.70	150.70	HP-90-0200134	Muscovite	1.000	NULL	NULL	119.71	core	
Hickey's Pond	HP-90-02	17	150.6	156.8	150.70	151.80	HP-90-0200135	Paragonite	0.689	Montmorillonite	0.311	55.871	core	
Hickey's Pond	HP-90-02				151.80	152.80	HP-90-0200136	Paragonite	0.728	Montmorillonite	0.272	60.468	core	
Hickey's Pond	HP-90-02				152.80	153.80	HP-90-0200138	Paragonite	0.787	Alunite-Na	0.213	145.13	core	
Hickey's Pond	HP-90-02				153.80	154.80	HP-90-0200139	Paragonite	0.743	Pyrophyllite	0.257	137.37	core	
Hickey's Pond	HP-90-02				154.80	155.80	HP-90-0200140	Pyrophyllite	0.785	Kaolinite-PX	0.215	87.078	core	
Hickey's Pond	HP-90-02				155.80	156.80	HP-90-0200141	Dickite	0.514	Pyrophyllite	0.486	149.19	core	
Hickey's Pond	HP-90-02	18	156.8	163.7	156.80	157.80	HP-90-0200142	Paragonite	0.613	Pyrophyllite	0.387	57.500	core	
Hickey's Pond	HP-90-02				157.80	158.80	HP-90-0200143	Pyrophyllite	0.803	Muscovite	0.197	38.836	core	
Hickey's Pond	HP-90-02				158.80	159.80	HP-90-0200144	Pyrophyllite	0.659	Paragonite	0.341	65.074	core	
Hickey's Pond	HP-90-02				159.80	160.90	HP-90-0200145	Muscovite	0.729	Pyrophyllite	0.271	43.821	core	
Hickey's Pond	HP-90-02				160.90	161.90	HP-90-0200146	Paragonite	0.746	Pyrophyllite	0.254	124.84	core	
Hickey's Pond	HP-90-02				161.90	162.90	HP-90-0200147	Muscovite	0.738	Pyrophyllite	0.262	111.56	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-90-02				162.90	163.60	HP-90-0200148	Paragonite	0.751	Montmorillonite	0.249	190.14	core	
Hickey's Pond	HP-90-02				163.60	164.00	HP-90-0200149	Paragonite	0.826	Alunite-Na	0.174	106.77	core	
Hickey's Pond	HP-90-02	19	163.7	170.7 bl	164.00	165.00	HP-90-0200150	Muscovite	0.575	Pyrophyllite	0.425	54.060	core	
Hickey's Pond	HP-90-02				165.00	166.00	HP-90-0200151	Alunite-Na	1.000	NULL	NULL	296.23	core	
Hickey's Pond	HP-90-02				166.00	167.00	HP-90-0200152	Dickite	0.616	Pyrophyllite	0.384	147.43	core	
Hickey's Pond	HP-90-02				167.00	168.00	HP-90-0200153	Paragonite	0.714	Pyrophyllite	0.286	274.69	core	
Hickey's Pond	HP-90-02				168.00	169.00	HP-90-0200154	NULL	NULL	NULL	NULL	NULL	core	
Hickey's Pond	HP-90-02				169.00	170.00	HP-90-0200155	Dickite	0.554	Alunite-Na	0.446	27.703	core	
Hickey's Pond	HP-90-02				170.00	171.00	HP-90-0200156	Paragonite	0.753	Montmorillonite	0.247	130.24	core	
Hickey's Pond	HP-90-02	20	170.7	179.3 bl	171.00	172.00	HP-90-0200157	Muscovite	0.528	Pyrophyllite	0.472	43.903	core	
Hickey's Pond	HP-90-02				172.00	173.10	HP-90-0200158	Pyrophyllite	0.824	Kaolinite-PX	0.176	44.873	core	
Hickey's Pond	HP-90-02				173.10	174.10	HP-90-0200159	Pyrophyllite	1.000	NULL	NULL	59.018	core	
Hickey's Pond	HP-90-02				174.10	175.10	HP-90-0200160	Pyrophyllite	1.000	NULL	NULL	105.82	core	
Hickey's Pond	HP-90-02				175.10	176.20	HP-90-0200161	Pyrophyllite	1.000	NULL	NULL	38.213	core	
Hickey's Pond	HP-90-02				176.20	177.20	HP-90-0200162	Pyrophyllite	0.541	Dickite	0.459	57.247	core	
Hickey's Pond	HP-90-02				177.20	178.20	HP-90-0200163	Pyrophyllite	0.522	Dickite	0.478	106.42	core	
Hickey's Pond	HP-90-02				178.20	179.20	HP-90-0200164	Pyrophyllite	1.000	NULL	NULL	153.17	core	
Hickey's Pond	HP-90-02				179.20	180.20	HP-90-0200165	Chlorite-Fe	0.604	Pyrophyllite	0.396	145.24	core	
Hickey's Pond	HP-90-02	21	179.3	189.6	180.20	181.20	HP-90-0200166	Pyrophyllite	1.000	NULL	NULL	71.589	core	
Hickey's Pond	HP-90-02				181.20	182.20	HP-90-0200167	Pyrophyllite	1.000	NULL	NULL	70.254	core	
Hickey's Pond	HP-90-02				182.20	183.20	HP-90-0200168	Pyrophyllite	1.000	NULL	NULL	107.08	core	
Hickey's Pond	HP-90-02				183.20	184.20	HP-90-0200169	Pyrophyllite	0.731	Dickite	0.269	86.272	core	
Hickey's Pond	HP-90-02				184.20	185.30	HP-90-0200170	Pyrophyllite	0.826	Dickite	0.174	57.089	core	
Hickey's Pond	HP-90-02				185.30	186.30	HP-90-0200171	Pyrophyllite	1.000	NULL	NULL	46.655	core	
Hickey's Pond	HP-90-02				186.30	187.30	HP-90-0200172	Pyrophyllite	1.000	NULL	NULL	76.252	core	
Hickey's Pond	HP-90-02				187.30	188.40	HP-90-0200173	Muscovite	0.746	Pyrophyllite	0.254	163.55	core	
Hickey's Pond	HP-90-02				188.40	189.40	HP-90-0200174	Chlorite-FeMg	0.764	Paragonite	0.236	279.02	core	dyke
Hickey's Pond	HP-90-02				189.40	190.40	HP-90-0200175	Pyrophyllite	0.740	Paragonite	0.260	58.861	core	
Hickey's Pond	HP-90-02	22	189.6	197.5	190.40	191.40	HP-90-0200176	Paragonite	1.000	NULL	NULL	71.210	core	
Hickey's Pond	HP-90-02				191.40	192.40	HP-90-0200177	Paragonite	0.760	Montmorillonite	0.240	91.295	core	
Hickey's Pond	HP-90-02				192.40	193.40	HP-90-0200178	Paragonite	0.777	Montmorillonite	0.223	78.651	core	
Hickey's Pond	HP-90-02				193.40	194.50	HP-90-0200179	Paragonite	0.799	Montmorillonite	0.201	54.734	core	
Hickey's Pond	HP-90-02				194.50	195.50	HP-90-0200180	Paragonite	1.000	NULL	NULL	263.76	core	
Hickey's Pond	HP-90-02				195.50	196.50	HP-90-0200181	Chlorite-FeMg	0.767	Muscovite	0.233	301.48	core	dyke
Hickey's Pond	HP-90-02				196.50	197.50	HP-90-0200182	Paragonite	0.564	Chlorite-Mg	0.436	162.41	core	
Hickey's Pond	HP-90-02				197.50	198.50	HP-90-0200183	Muscoviticllite	0.777	Montmorillonite	0.223	66.995	core	
Hickey's Pond	HP-90-02	23	197.5	204.4	198.50	199.50	HP-90-0200184	Paragonite	0.625	Chlorite-Fe	0.375	85.947	core	
Hickey's Pond	HP-90-02				199.50	200.60	HP-90-0200185	Paragonite	1.000	NULL	NULL	154.29	core	
Hickey's Pond	HP-90-02				200.60	201.60	HP-90-0200186	Chlorite-FeMg	0.743	Paragonite	0.257	298.18	core	
Hickey's Pond	HP-90-02				201.60	202.60	HP-90-0200187	Chlorite-FeMg	0.502	Paragonite	0.498	146.96	core	
Hickey's Pond	HP-90-02				202.60	203.60	HP-90-0200188	Chlorite-FeMg	0.523	Paragonite	0.477	137.72	core	
Hickey's Pond	HP-90-02				203.60	204.60	HP-90-0200189	Chlorite-FeMg	0.849	Muscovite	0.151	77.855	core	
Hickey's Pond	HP-90-02	24	204.4	210.2	204.60	205.60	HP-90-0200190	Paragonite	0.790	Montmorillonite	0.210	121.39	core	
Hickey's Pond	HP-90-02				205.60	206.60	HP-90-0200191	Chlorite-FeMg	0.727	Paragonite	0.273	78.971	core	
Hickey's Pond	HP-90-02				206.60	207.60	HP-90-0200192	Chlorite-FeMg	0.744	Paragonite	0.256	80.419	core	
Hickey's Pond	HP-90-02				207.60	208.60	HP-90-0200193	Paragonite	0.612	Chlorite-Fe	0.388	92.124	core	
Hickey's Pond	HP-90-02				208.60	209.70	HP-90-0200194	Paragonite	1.000	NULL	NULL	145.21	core	
Hickey's Pond	HP-90-02				209.70	210.70	HP-90-0200195	Chlorite-FeMg	0.534	Paragonite	0.466	169.48	core	
Hickey's Pond	HP-90-02	25	210.2	212.8	210.70	211.70	HP-90-0200196	Chlorite-FeMg	0.625	Paragonite	0.375	124.82	core	
Hickey's Pond	HP-90-02				211.70	212.70	HP-90-0200197	Muscoviticllite	0.706	Chlorite-FeMg	0.294	139.53	core	
Hickey's Pond	HP-90-02				212.70	212.8	HP-90-0200198	Muscoviticllite	0.728	Montmorillonite	0.272	61.167	core	
Hickey's Pond	HP-90-03	1	3.5	9.1	3.50	4.50	HP-90-0300002	Alunite-Na	1.000	NULL	NULL	51.239	core	
Hickey's Pond	HP-90-03				4.50	5.50	HP-90-0300003	Alunite-Na	1.000	NULL	NULL	284.96	core	
Hickey's Pond	HP-90-03				5.50	6.50	HP-90-0300004	Alunite-Na	0.777	Dickite	0.223	71.198	core	
Hickey's Pond	HP-90-03				6.50	7.50	HP-90-0300005	Alunite-Na	1.000	NULL	NULL	87.002	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-90-03				7.50	8.50	HP-90-0300006	Alunite-Na	1.000	NULL	NULL	100.17	core	
Hickey's Pond	HP-90-03				8.50	9.50	HP-90-0300007	Alunite-Na	1.000	NULL	NULL	97.233	core	
Hickey's Pond	HP-90-03	2	9.1	14.6	9.50	10.50	HP-90-0300008	Alunite-Na	0.796	Muscovite	0.204	85.471	core	
Hickey's Pond	HP-90-03				10.50	11.50	HP-90-0300009	Alunite-Na	0.748	Muscovite	0.252	21.231	core	
Hickey's Pond	HP-90-03				11.50	12.50	HP-90-0300010	Alunite-Na	0.684	Muscovite	0.316	72.826	core	
Hickey's Pond	HP-90-03				12.50	13.50	HP-90-0300011	Muscovite	0.809	Alunite-Na	0.191	148.85	core	
Hickey's Pond	HP-90-03				13.50	14.50	HP-90-0300012	Paragonite	1.000	NULL	NULL	180.99	core	
Hickey's Pond	HP-90-03				14.50	15.50	HP-90-0300013	Paragonite	0.705	Montmorillonite	0.295	156.80	core	
Hickey's Pond	HP-90-03	3	14.6	20.2	15.50	16.60	HP-90-0300014	Alunite-Na	1.000	NULL	NULL	42.389	core	
Hickey's Pond	HP-90-03				16.60	17.80	HP-90-0300015	Alunite-Na	1.000	NULL	NULL	59.806	core	
Hickey's Pond	HP-90-03				17.80	18.80	HP-90-0300016	Alunite-Na	0.811	Muscovite	0.189	68.788	core	
Hickey's Pond	HP-90-03				18.80	19.80	HP-90-0300017	Alunite-Na	0.837	Muscovite	0.163	46.337	core	
Hickey's Pond	HP-90-03				19.80	20.80	HP-90-0300018	Alunite-Na	1.000	NULL	NULL	75.425	core	
Hickey's Pond	HP-90-03	4	20.2	25.6	20.80	21.80	HP-90-0300019	Alunite-Na	1.000	NULL	NULL	62.366	core	
Hickey's Pond	HP-90-03				21.80	22.80	HP-90-0300020	Alunite-Na	1.000	NULL	NULL	147.30	core	
Hickey's Pond	HP-90-03				22.80	23.80	HP-90-0300021	Alunite-Na	0.810	Muscovite	0.190	132.66	core	
Hickey's Pond	HP-90-03				23.80	24.80	HP-90-0300022	Alunite-Na	1.000	NULL	NULL	295.03	core	
Hickey's Pond	HP-90-03				24.80	25.80	HP-90-0300023	Alunite-Na	0.810	Muscovite	0.190	42.394	core	
Hickey's Pond	HP-90-03	5	25.6	32.2	25.60	26.80	HP-90-0300024	Muscovite	1.000	NULL	NULL	220.37	core	
Hickey's Pond	HP-90-03				26.80	27.80	HP-90-0300025	Alunite-Na	1.000	NULL	NULL	222.93	core	
Hickey's Pond	HP-90-03				27.80	28.80	HP-90-0300026	Alunite-Na	1.000	NULL	NULL	121.36	core	
Hickey's Pond	HP-90-03				28.80	29.80	HP-90-0300027	Alunite-Na	1.000	NULL	NULL	155.60	core	
Hickey's Pond	HP-90-03				29.80	30.80	HP-90-0300028	Alunite-Na	1.000	NULL	NULL	97.607	core	
Hickey's Pond	HP-90-03				30.80	31.80	HP-90-0300029	Alunite-Na	1.000	NULL	NULL	88.877	core	
Hickey's Pond	HP-90-03				31.80	32.90	HP-90-0300030	Alunite-Na	1.000	NULL	NULL	113.17	core	
Hickey's Pond	HP-90-03	6	32.2	37.8 bl	32.90	33.90	HP-90-0300031	Alunite-Na	1.000	NULL	NULL	107.11	core	
Hickey's Pond	HP-90-03				33.90	34.90	HP-90-0300032	Alunite-Na	1.000	NULL	NULL	80.472	core	
Hickey's Pond	HP-90-03				34.90	35.90	HP-90-0300033	Muscovite	0.816	Alunite-Na	0.184	139.88	core	
Hickey's Pond	HP-90-03				35.90	36.90	HP-90-0300034	Alunite-Na	1.000	NULL	NULL	125.63	core	
Hickey's Pond	HP-90-03				36.90	37.90	HP-90-0300035	Alunite-Na	1.000	NULL	NULL	181.33	core	
Hickey's Pond	HP-90-03	7	37.8	43.7	37.90	39.00	HP-90-0300036	Alunite-Na	1.000	NULL	NULL	73.555	core	
Hickey's Pond	HP-90-03				39.00	40.00	HP-90-0300037	Paragonite	0.712	Montmorillonite	0.288	237.47	core	
Hickey's Pond	HP-90-03				40.00	41.00	HP-90-0300038	Alunite-Na	0.733	Muscovite	0.267	85.982	core	
Hickey's Pond	HP-90-03				41.00	42.10	HP-90-0300039	Alunite-Na	1.000	NULL	NULL	191.62	core	
Hickey's Pond	HP-90-03				42.10	43.10	HP-90-0300040	Alunite-Na	1.000	NULL	NULL	219.71	core	
Hickey's Pond	HP-90-03				43.10	44.10	HP-90-0300041	Alunite-Na	1.000	NULL	NULL	260.09	core	
Hickey's Pond	HP-90-03	8	43.7	49.3	44.10	45.10	HP-90-0300042	Alunite-Na	1.000	NULL	NULL	386.71	core	
Hickey's Pond	HP-90-03				45.10	46.10	HP-90-0300043	Alunite-Na	1.000	NULL	NULL	270.04	core	
Hickey's Pond	HP-90-03				46.10	47.10	HP-90-0300044	Alunite-Na	1.000	NULL	NULL	261.53	core	
Hickey's Pond	HP-90-03				47.10	48.10	HP-90-0300045	Alunite-Na	1.000	NULL	NULL	183.56	core	
Hickey's Pond	HP-90-03				48.10	49.10	HP-90-0300046	Alunite-Na	1.000	NULL	NULL	130.35	core	
Hickey's Pond	HP-90-03				49.10	50.10	HP-90-0300047	Alunite-Na	1.000	NULL	NULL	117.75	core	
Hickey's Pond	HP-90-03	9	49.3	54.8	50.10	51.20	HP-90-0300048	Alunite-Na	1.000	NULL	NULL	81.035	core	
Hickey's Pond	HP-90-03				51.20	52.20	HP-90-0300049	Alunite-Na	1.000	NULL	NULL	327.50	core	
Hickey's Pond	HP-90-03				52.20	53.20	HP-90-0300050	Alunite-Na	1.000	NULL	NULL	290.12	core	
Hickey's Pond	HP-90-03				53.20	54.30	HP-90-0300051	Alunite-Na	1.000	NULL	NULL	166.82	core	
Hickey's Pond	HP-90-03				54.30	55.30	HP-90-0300052	Alunite-Na	0.668	Kaolinite-WX	0.332	90.179	core	
Hickey's Pond	HP-90-03	10	54.8	60	55.30	56.30	HP-90-0300053	Alunite-Na	1.000	NULL	NULL	316.21	core	
Hickey's Pond	HP-90-03				56.30	57.30	HP-90-0300054	Alunite-Na	0.787	Kaolinite-PX	0.213	59.412	core	
Hickey's Pond	HP-90-03				57.30	58.30	HP-90-0300055	Alunite-Na	1.000	NULL	NULL	177.55	core	
Hickey's Pond	HP-90-03				58.30	59.30	HP-90-0300056	Alunite-Na	0.832	Muscovite	0.168	77.428	core	
Hickey's Pond	HP-90-03				59.30	59.90	HP-90-0300057	Alunite-Na	0.832	Muscovite	0.168	51.229	core	
Hickey's Pond	HP-90-03				59.90	60.00	HP-90-0300059	Alunite-Na	0.666	Muscovite	0.334	59.405	core	
Hickey's Pond	HP-90-03	11	60	65.5	60.00	60.80	HP-90-0300071	Alunite-Na	1.000	NULL	NULL	96.127	core	
Hickey's Pond	HP-90-03				60.80	61.50	HP-90-0300072	Alunite-Na	0.599	Muscovite	0.401	46.511	core	

Appendix B - TSG™ Pro spectral interpretation results from drillcore samples

Prospect	DDH_Num	Box_Num	Start_m	Finish_m	From_m	To_m	SpectralID	Mineral 1	Weight 1	Mineral 2	Weight 2	Error	Type	Notes
Hickey's Pond	HP-90-03				61.50	62.20	HP-90-0300073	Alunite-Na	1.000	NULL	NULL	51.411	core	
Hickey's Pond	HP-90-03				62.20	63.00	HP-90-0300074	Alunite-Na	1.000	NULL	NULL	42.595	core	
Hickey's Pond	HP-90-03				63.00	64.00	HP-90-0300075	Alunite-Na	1.000	NULL	NULL	61.089	core	
Hickey's Pond	HP-90-03				64.00	65.00	HP-90-0300076	Alunite-Na	0.647	Dickite	0.353	32.760	core	
Hickey's Pond	HP-90-03				65.00	65.50	HP-90-0300077	Alunite-Na	0.817	Muscovite	0.183	33.033	core	
Hickey's Pond	HP-90-03	12	65.5	70.8	65.50	66.50	HP-90-0300060	Alunite-Na	0.781	Muscovite	0.219	61.392	core	
Hickey's Pond	HP-90-03				66.50	67.50	HP-90-0300061	Alunite-Na	0.798	Kaolinite-PX	0.202	61.115	core	
Hickey's Pond	HP-90-03				67.50	68.50	HP-90-0300062	Alunite-Na	1.000	NULL	NULL	105.82	core	
Hickey's Pond	HP-90-03				68.50	69.50	HP-90-0300063	Muscovite	0.841	Dickite	0.159	161.72	core	
Hickey's Pond	HP-90-03				69.50	70.50	HP-90-0300064	Muscovite	1.000	NULL	NULL	140.87	core	
Hickey's Pond	HP-90-03				70.50	71.50	HP-90-0300065	Muscovite	0.792	Alunite-Na	0.208	86.996	core	
Hickey's Pond	HP-90-03	13	70.8	75.6	71.50	72.50	HP-90-0300066	Muscovite	1.000	NULL	NULL	172.31	core	
Hickey's Pond	HP-90-03				72.50	73.50	HP-90-0300067	Muscovite	0.804	Alunite-Na	0.196	170.41	core	
Hickey's Pond	HP-90-03				73.50	74.50	HP-90-0300068	Pyrophyllite	0.553	Muscovite	0.447	108.13	core	
Hickey's Pond	HP-90-03				74.50	75.50	HP-90-0300069	Paragonite	0.644	Pyrophyllite	0.356	101.81	core	
Hickey's Pond	HP-90-03				75.50	75.60	HP-90-0300070	Muscovite	0.736	Pyrophyllite	0.264	254.58	core	

Appendix C - Diamond-drill hole collar location data

Prospect	DDH_Num	UTMEast	UTMNorth	UTMZone	Datum	Elev_m	Azimuth	Dip	E.O.H.
Stewart	7434-90-01	649489	5253458	21	NAD27	197.79	310	45	155.7
Stewart	7434-90-02	649768	5253073	21	NAD27	190.01	310	45	179.5
Stewart	ST-11-01	650062	5253744	21	NAD27	214	130	55	440.5
Stewart	ST-11-02	651699	5254393	21	NAD27	182	180	72	584.61
Stewart	ST-11-03	651092	5254255	21	NAD27	199	160	55	587.66
Big Easy	BE-11-01	709951	5347563	21	NAD27	110.64	90	52	107
Big Easy	BE-12-08	709885	5347698	21	NAD27	120.16	270	59	146
Big Easy	BE-12-09	709925	5347795	21	NAD27	122	270	60	230
Hickey's Pond	HP-83-01	699279	5295144	21	NAD27	172.6	140	45	99.7
Hickey's Pond	HP-83-02	699322	5295094	21	NAD27	172	140	45	100.5
Hickey's Pond	HP-90-02	699381	5294979	21	NAD27	173.53	320	45	212.8
Hickey's Pond	HP-90-03	699345	5295023	21	NAD27	173	320	45	75.6

Appendix D

Spliced corrected ASD spectral data files for grab samples

Appendix D is 7.6 MB in size and includes “asd.sco” format, spliced corrected spectral files that were collected and exported from TerraSpec® Pro spectrometer. These spectral files can be imported into viewing software such as SpecWin™, which is available for free from Spectral International Inc. These files are related the Open File NFLD/3266 by Sparkes et al., 2015 and include data collected from outcrop samples from the western Avalon Zone of Newfoundland.

Appendix E

Spliced corrected ASD spectral data files for drillcore samples

Appendix E is 21.8 MB in size and includes “asd.sco” format, spliced corrected spectral files that were collected and exported from TerraSpec® Pro spectrometer. These spectral files can be imported into viewing software such as SpecWin™, which is available for free from Spectral International Inc. These files are related the Open File NFLD/3266 by Sparkes et al., 2015 and include data collected from drillcore from the western Avalon Zone of Newfoundland.